



VIKASSH DALAL

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ABOUT ME

I'm a FinOps Certified Professional and Cloud Automation Architect with 15+ years of experience designing cost-optimized cloud environments, automating infrastructure at scale, and aligning engineering with financial strategy.

My background spans Azure, AWS, DigitalOcean, and hybrid infrastructure with deep hands-on expertise in Terraform, Ansible Automation Platform, Dynatrace, and ServiceNow. I've led cloud cost governance initiatives, implemented tagging policies, built showback models, and developed FinOps playbooks to support engineering and finance collaboration.

Whether building self-service platforms, integrating performance monitoring, or reducing waste in cloud usage, I bring a balance of technical depth and financial discipline to every program I support.

CERTIFICATIONS

TOGAF 9 Associate Solution Architect
The Open Group

Solution Architect
Amazon WebServices

Solution Architect - Cloud Computing v1
IBM

FinOps Certified Professional
FINOPS Foundation

FinOps Certified Practitioner
FINOPS Foundation

FinOps Certified FOCUS Analyst
The Linux Foundation

TECHNICAL EXPERTISE

Architecture

Open Group Architecture Framework, Architecture governance, SDLC, System Integration, System Oriented Architecture

FinOps & Cost Optimization

- Tagging policy enforcement (Azure, AWS)
- Cost allocation & chargeback modeling
- Budget thresholds & usage tracking
- FinOps dashboards (Azure Cost Mgmt, Densify, Apptio)
- RI/Savings Plan utilization optimization
- Self-service platform cost controls (e.g. ServiceNow + Ansible workflows)
- Spend forecasting & showback reports
- Stakeholder alignment (Engineering, Finance, Leadership)

Cloud & DevOps

AWS, IBM, Azure, JIRA, Jenkins, GitHub, Spinnaker, Docker, Kubernetes, Artifactory, Chef, Prometheus, Grafana, Hyperledger Blockchain, Blueprint Designer, Ansible, Confluence, SonarQube, Gitlab, Digital Ocean, Oneconfig, Anthos

Middleware & Databases

ESB, ETL, IBM WebSphere Application Server, IBM MQ v7/8/9, IBM Message Broker v7/8/9, DataPower, Oracle Weblogic Server, Jboss Application Server, HTTP Server, MIM (Metastorm Integration Manager), Tieto, Business Objects, IBM WSSR, Java, Green Hat, Tibco, Charles River, SimCorp, Oracle, DB2 V9, v10, 11g, Postgres, Cosmo DB

DevSecOps

CyberArk, Conjur, Hashicorp vault, AAD

EDUCATIONAL BACKGROUND

Maharshi Dayanand University

India

Bachelor of Engineering in Computer Science
2006

Interac Corp

Toronto, Canada

- Spearheaded cloud management initiatives, overseeing cloud architecture design and implementation to support scalable, secure, and cost-effective solutions.
- Led FinOps strategies, ensuring optimized cloud cost management and resource utilization across the organization.
- Designed and implemented tagging strategies, cost alerts, and budget thresholds across Azure environments to support FinOps accountability.
- Partnered with Finance and Engineering to roll out chargeback models and cost visibility dashboards.
- Automated provisioning through Terraform + Ansible with embedded cost guardrails and usage tracking.
- Architected and maintained robust CI/CD pipelines, driving continuous delivery and integration practices for streamlined software releases.
- Implemented infrastructure as code (IaC) methodologies using tools like Terraform and Ansible to automate infrastructure provisioning and reduce manual errors.
- Directed the migration of legacy applications to cloud environments, modernizing the IT landscape and enhancing operational efficiencies.
- Conducted thorough auditing and compliance reviews, ensuring adherence to industry standards and regulatory requirements.
- Managed relationships with cloud service providers and external vendors, negotiating contracts, and driving service improvements to meet business objectives.
- Collaborated with cross-functional teams to ensure alignment between IT infrastructure, cloud platforms, and business needs.

Cloud Infrastructure & Platform
Management Lead

May 2024 - Till Date

Full Time

Reference

Affan Syed

Director

Technology Stack

Ansible, Ansible Automation Platform, RedHat Satellite, Solaris, Unix, Bitbucket, Bamboo, Artifactory, Vmware, Azure, Terraform, IBM Apptio

Interac

Toronto, Canada

At Interac, I held a pivotal role where my primary responsibility was the deployment of Infrastructure as Code (IaC). My tenure at Interac was marked by a series of significant accomplishments:

- I took the initiative to design a secure B Azure environment, ensuring top-tier protection and compliance.
- I was instrumental in establishing standards and guidelines for infrastructure automation, ensuring consistency and best practices across the board.
- I architected and implemented a robust DevOps pipeline, leveraging tools such as Ansible, Terraform, Bitbucket, Jenkins, Bamboo, Artifactory, and Azure. This pipeline streamlined our deployment processes and enhanced collaboration.
- Recognizing the need for agility, I introduced a self-service capability for provisioning and configuration management. This was achieved by integrating Jira with our DevOps pipeline, catering to both Azure and VMware environments.
- I also played a key role in the design and implementation of the Ansible Automation Platform. With the integration of an on-premises hub cluster 2.4, I ensured seamless interoperability with other DevOps tools, enhancing our automation capabilities and overall efficiency.

Canadian Food Inspection Services

Ottawa, Canada

At the Canadian Food Inspection Agency (CFIA), I embraced a pivotal role as a DevSecOps & Agile Consultant, where my contributions were instrumental in shaping the organization's technological trajectory:

- Architected a comprehensive DevSecOps framework tailored for CFIA, integrating security practices seamlessly into the CI/CD pipeline to bolster cloud and application security. Utilized tools like Azure DevOps and VMware for cloud infrastructure management, ensuring secure and agile development environments.
- Led the development of cloud-based solutions on Azure, focusing on secure configurations, network security groups, and identity access management to protect sensitive agricultural data against evolving cyber threats.
- Established a governance model for development practices, incorporating security audits, code reviews, and automated security scanning tools like SonarQube and CyberArk to ensure compliance with federal security standards.
- Facilitated agile transformation initiatives, mentoring teams in adopting secure coding practices and implementing automated security testing within build pipelines to identify and remediate vulnerabilities early in the development lifecycle.

Automation Architect & Security Specialist

Aug 2023 - Feb 2024

Contract

Reference

Affan Syed

Director

Technology Stack

Ansible, Ansible Automation Platform, RedHat Satellite, Solaris, Unix, Bitbucket, Openshift, Bamboo, Artifactory, VMware, Azure, Terraform

DevSecOps Architect & Agile Consultant

Sept 2023 - Mar 2024

Reference

Vickie Qiu Chan

Director of Application Development

Technology Stack

Azure DevOps, VMware, Azure Cloud, Agile, EA

Shared Services Canada

Ottawa, Canada

In my tenure as Security and Automation Architecture Lead, I was pivotal in crafting and deploying the Ansible Automation as a Service (AaaS), setting a benchmark for automation excellence within Shared Services Canada. I oversaw the strategic upgrade of Ansible Tower, transitioning towards a more advanced automation platform, thereby enhancing our security framework. My efforts in integrating essential DevOps tools cultivated a strong culture of automation and security-first mindset across the organization.

Here's a snapshot of my key responsibilities:

- Orchestrated the design and deployment of secure cloud environments in Azure, employing Infrastructure as Code (IaC) practices to streamline automation.
- Innovated SSC's automation infrastructure, focusing on security by integrating Ansible Automation Platform with existing DevOps tools for seamless operations.
- Deployment of Openshift cluster on Vmware to leverage the container platform for apps
- Led the migration to Ansible Automation Platform 2.4, enhancing security and interoperability across SSC's technological ecosystem.
- Standardized Infrastructure-as-Code deployments with FinOps tagging policies and environment lifecycle definitions.

AlayaCare

Vancouver, Canada

Serving as a Release Management and Security Architect, my primary objective was to refine the release process, significantly bolstering customer trust through the introduction of automated testing and zero-downtime rollouts. My expertise in cloud architecture led to the development of sophisticated CloudFormation templates, enabling seamless AWS infrastructure deployments. These initiatives not only improved deployment reliability but also fortified the security and resilience of the deployment ecosystem.

- Analyze and understand current release process and customer pain points
- Providing enhancement suggestions to enhance release pipeline to allow frequent rollouts along with no downtime to have more customer trust in deployments
- Build & implement automated testing in build and release pipelines
- Writing helm charts and yaml pipelines required for build and release
- Work on local kubernetes environment to build and test the pipelines
- Work with various technology groups to onboard various technological enhancements
- Building cloudformation templates to deploy AWS infrastructure
- Build & implement post deployment validation, monitoring and automated rollouts as part of the pipeline

DSecurity and Automation
Architecture Lead
Aug 2022 - Mar 2024

Reference

Eric Arbour/Cynthia Arcand
Director

Technology Stack

Ansible, Ansible Automation Platform, Openshift, RedHat Satellite, Solaris, Unix, Gitlab

Release Management and Security Architect
April 2022 - June 2022
Contract

Reference

Diane Button
Director of Engineering

Technology Stack

Azure DevOps, Github, ADO pipelines, Ansible, Terraform, Kubernetes, Docker, cloudformation, Windows, Powershell, Shell, Agile, Azure Boards, AWS, Redgate

Employment & Social Development Canada

Ottawa, Canada

As a Senior DevOps Consultant/Engineer at ESDC, I played a pivotal role in transforming the engineering department's approach to infrastructure and application development. Starting with automating routine infrastructure tasks, my responsibilities quickly expanded to encompass the design and implementation of comprehensive DevOps strategies. My tenure at ESDC was marked by continuous innovation, collaboration, and a commitment to leveraging cutting-edge technologies to enhance efficiency, scalability, and reliability across various projects.

- Initiated as a task automator, evolved into a strategic role in building and implementing DevOps strategies and standards for various projects, focusing on Infrastructure as Code (IaC).
- Led the design and implementation of IaC pipelines using Terraform, Ansible, and Azure DevOps, streamlining infrastructure provisioning.
- Collaborated with customers to gather requirements and automate deployment pipelines for IBM Curam applications on OpenShift.
- Conducted Proof of Concepts (POCs) for new products and services on Azure DevOps, enhancing build and release pipelines.
- Acted as a mentor to new team members, providing training and support to foster growth and collaboration.
- Enabled and configured Java application monitoring for OpenShift Pods, tuning WebSphere JVM with open telemetry metrics, and integrating Azure ARC with ARO.
- Designed and built AWS infrastructure as a secondary cloud for Azure Apps, including the deployment of AWS ROSA and pipeline development for app deployment.
- Worked on infrastructure and automation enablement for BDM applications using terraform and cloudformation on aws and azure

FIS Global

Toronto, Canada

At FIS, working specifically on CDP2.0 refactoring project, which is enhancing existing IaC pipeline and enable self serve capability using Service Now along with multi-platform infrastructure provisioning. Some of the daily tasks are mentioned below.

- Analyzing existing infrastructure and gathering requirements
- Working with various infrastructure partners to understand the manual processes
- Building self-provisioning workflow, pipeline using ServiceNow & Ansible
- Integrating various post provisioning security & monitoring tools within self-serve
- Integrated Ansible playbooks with post-provisioning monitoring to detect resource sprawl and enforce shutdown rules.
- Contributed to cost optimization across multi-platform environments (VMware, Azure, AWS) through automation and observability.
- Built self-serve infrastructure provisioning pipelines with integrated cost control policies via ServiceNow workflows.

DevOps Architect
August 2021 - August 2023
Contract

Reference

Benoit Phaneuf
Manager, Innovation & Technology

Technology Stack

Azure DevOps, Git, ADO pipelines, Ansible, Terraform, Azure WebApps, Azure DevTest Labs, AAD, OpenShift, IBM Curam, Azure Image Gallery, Oracle Databases, Ubuntu, Windows, Powershell, Shell, Kubernetes, Agile, Azure Boards, Azure ARC, AWS, AWS ROSA, cloud formation

Infrastructure and Security
Innovation Architect
November 2021 - November 2022
Contract

Reference

Armen Volumien
Product Owner, Infrastructure Platforms

Technology Stack

Ansible, Github, Terraform, Vmware, CyberArk, ServiceNow, Bash, Shell, Python, Windows, Linux, AAD, Densify, Grafana, Ansible Tower, AWS, Agile, Azure Boards

Tangerine Bank

Markham, Canada

Being a Sr. DevOps Consultant under Release & DevOps team, was responsible to maintain legacy apps as well as migrate legacy stuff to cloud as well as micro-services adhering to DevOps practices within organization. Some of the tasks are mentioned below.

- Analyzing legacy banking applications for cloud migration and upgrading to meet eligibility for migration
- Build & maintain self synthetic environment provisioning
- Working with various stack holders for managing releases
- Building IaC for environment provisioning & enhancements
- Working with vendors & analyzing new products for business requirements as well as performing POCs
- Maintaining & supporting production release pipelines and deployments

Sr. DevOps Consultant
October 2021 - Feb 2022
Contract

Reference

Swati Thakur

Director, Release & DevOps

Technology Stack

IBM WebSphere Application Server,
Google Cloud, Jenkins, Github,
Anthos, Dynatrace, Oracle, Aix Linux,
Windows, Ansible, MQ, Sonarqube,
CyberArk, Powershell, Shell, Bash,
Yaml, Python, Docker, Kubernetes

Royal Bank Of Canada

Toronto, Canada

Being part of innovation team at RBC, was primarily responsible for enhancements to current DevOps ecosystem, analyzing new products and services and performing POCs. Some of the tasks are mentioned here.

- Build and deploy Azure Machine learning conference models on azure
- Build Jenkins pipeline for openshift deployments and managing kubernetes PODs for infrastructure
- Building UCD deployment processes
- Automating windows monitoring using Ansible & Prometheus exporters
- Deploying azure confidential virtual machines using automation
- Design & build Openshift pipelines using git, Jenkins, UCD and Helios
- Write terraform templates to deploys iOS apps on to azure cloud
- Produce infrastructure architecture documents for various DevOps projects
- Build the cloud infra using devops pipeline and updating pipelines to make sure they adhere to security guidelines

Sr. DevOps Engineer
August 2020 - July 2021
Contract

Reference

John Ghawi

Director, Innovation & Technology

Technology Stack

Azure DevOps, Git, ADO pipelines,
Ansible, Terraform, OpenShift,
Jenkins, CyberArk, Helios, IBM
UrbanCode Deploy, Azure
Confidential VMs, Azure Machine
Learning, Kubernetes, Terraform

TooGood Financial Systems

North York, Canada

As a short term contract, major goal was to build & test disaster recovery in Azure using fully automated process for RBC banking application. Some of the high level tasks mentioned below.

- Write Ansible scripts to build out Azure cloud infrastructure (Infrastructure as Code)
- Build Ansible scripts and pipeline for application deployment
- POC SQL managed instances on azure
- Write shell scripts to monitor and alert mysql replication
- Deploying Azure DR & site recovery using Ansible
- Automating windows server updates & hardening standards
- Build automation documents for setup, maintenance and troubleshooting automation
- Migrate on premises servers & applications to Azure cloud

Sr. DevOps Consultant
May 2020 - August 2020
Contract

Reference

Victor Kasenda

Director, Architecture & DevOps

Technology Stack

Azure Cloud, Azure Site Recovery, AAD, Ansible, Python, Shell, Windows, Linux, Prometheus, Grafana

Shore Consulting

Toronto, Canada

Being a DevOps Consultant at Shore Consulting, supported TGLN as primary client providing support for various technologies and enhancing DevOps pipeline by addition of new required tools and putting DevOps best practices in place. This role included below responsibilities and tasks.

- Setting up Kubernetes clusters in multiple environments (onsite and Azure)
- Dockerizing Ruby on Rails applications
- Developing automated production deployments including handling migrations
- Setting up end to end (build/dev/test/deploy) CI/CD pipelines using GitLab CI
- Setting up complex Azure deployment environments using Logic Apps, API Gateway, AKS etc
- Doing configuration management with Chef
- Setting up Sonatype Nexus repository and integrating with Gitlab
- Setting up Ansible tower and integrations with Gitlab and Nexus
- Building deployment pipeline for Kubernetes deployments using Ansible
- Building Terraform scripts for IaC to build Kubernetes environment on Azure along with MongoDB & Redis Cache

Sr. DevOps Engineer
October 2019 - March 2020
Contract

Reference

Raveesh Duggal

Team Lead, DevOps & Operations

Technology Stack

Windows, Linux, Digital Ocean, Azure, Kubernetes, Docker, Prometheus, Grafana, System Operations Manager, Gitlab, Nexus, Traefik, Cloudflare, AAD, Ansible, Terraform

Ontario Teacher's Pension Plan

North York, Canada

As a DevOps Engineer, wearing multiple hats (Consultant, implementor, designer), primarily responsible to implement and maintain DevOps systems and pipeline by providing best practicing. Some of the high level tasks mentioned below over the course of this role.

- Automating Oracle RAC database provisioning using Ansible along with Infrastructure builds
- Creating Automation framework, standards & guidelines for enterprise DevOps pipeline as well as security operations
- Automating SimCorm application installation and configuration as part of environment provisioning
- ServiceNow integration with Ansible and DevOps pipelines to provision on demand environments
- Writing scripts in shell, PowerShell, Yaml & python for various tools
- POC & DEV implementation of AppDynamics
- Leads the creation of detailed plans/approaches for the integration of new systems and automation services into existing infrastructure design/architecture
- Designs and oversee automation technology specific operations including developing standard operating procedures, working with vendors
- Designing and implementing high availability & disaster recovery solution for IBM Urban Code Deploy & IBM Urban code Release
- Enhancing DevOps pipeline by applying industry standards and best practices
- Designing and implementing Nexus Repository Manager HA & DR
- Writing IaC Ansible playbooks for various technology towers like Storage, Databases, Servers, Networks, security tools and Application deployments
- Architecture design for portfolio wide Prometheus monitoring tool for infrastructure, applications and business monitoring
- Architecture design for implementing Chef Infrastructure as Code
- Performing terraform POC to deploy VM infrastructure on to azure cloud
- Designing & implementing Proof of Concept for Infrastructure as Code using Chef, VCentre & IBM Blueprint Designer
- Implementing end to end CI/CD pipeline for development as well as infrastructure
- Upgrade CyberArk from v9.9 to 10.10 using Ansible automation and integrating security tools into DevOps pipeline to make sure it adhere to security guidelines

Sr. DevOps Engineering Lead
October 2017 - July 2021
Contract/FullTime

Reference

Arpit Desai

Sr. Manager, Tools & Automation

Technology Stack

IBM UrbanCode Deploy and Release, Jenkins, dbMastero, Nexus, GitHub, Prometheus, Grafana, Chef, Oracle, Sql Server, Tibco, SonarQube, Ansible, RHEL, Windows Server 2008-16, Bamboo, Jira, Confluence, VMware, vRealize, ServiceNow, Azure, SCOM, Dynatrace, Hip chat, Openshift, Postgres, Python, PowerShell, Yaml, Shell, Charles River, SimCorp, IBM WAS, Nginx, IIS. CyberArk, vRealize, App Dynamics

Tangerine Bank

Markham, Canada

Being part of Enterprise Architecture group, objective was to work parallel on multiple projects while providing architectural as well as technical guidelines to different teams as well as business. Some of the day to day duties are mentioned here.

- Designing GCP App Engine Flex Solution for Java Applications as well as providing DevOps solution for different environment deployments on GCP
- Designing and development of infrastructure as well as middleware solutions.
- Creating architecture artifacts for middleware
- Planning, designing & implementation Dynatrace monitoring solution
- Preparing design documents for current and future state IT architecture
- Solution design and implementation for Sumo Logic log integration
- Optimizing Dynatrace monitoring architecture including upgrade and migration
- Implementing AWS POC solution for inhouse new apps
- Creating & managing AWS resources including EC2, storage, lambda, queues, network and security
- Completing POC for MongoDB & SQL DB on AWS for one of the applications
- Creating CI pipelines using Jenkins
- Optimizing MQ architecture to reduce MQ footprint across the organization

Centrilogic Inc

Mississauga, Canada

While working as Oracle SME & Engineer at Centrilogic Inc, and supporting various clients across the globe from different industries performed below tasks over my contract duration.

- Designing and development of infrastructure solutions.
- Installing, upgrading and maintaining Oracle databases
- Writing shell scripts for automated upgrades and patches
- Providing Oracle specific support for customers in terms of performance tuning and technical issues
- Planning, designing and implementing DR solution for customers
- Assist sales team in bringing new contracts to company by providing technical expertise on customer solutions
- Providing Level 3 technical support for Oracle Peoplesoft
- Solution, design and implementation of Oracle RAC HA & DR solution for Longos
- Solution, design and implementation of AppDynamics monitoring for Longos new grocery platform application performance monitoring
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Enterprise & DevOps Architect
November 2016 - August 2017
Contract

Reference

George Flaifel

Sr Enterprise Architect, Enterprise Architecture

Technology Stack

IBM WebSphere Application Server, Google Cloud, Jenkins, Github, Anthos, Dynatrace, Oracle, Aix Linux, Windows, Ansible, MQ, Sonarqube, CyberArk, Powershell, Shell, Bash, Yaml, Python, Docker, Kubernetes, Sumologic, MQ, DataPower, Spinnaker, AWS, Jboss, IBM PureApps

Oracle Consultant & IT Architect
May 2016 - September 2016
Contract

Reference

Jason Reinard

VP, Application Management

Technology Stack

Oracle RAC, Oracle Golden Gate, AppDynamics monitoring, As400, Hybris application server, Commvault Backups, Microsoft SQL server, Linux, Windows Server 2012

Tangerine Bank

Markham, Canada

While working as Enterprise Architect at Tangerine bank and being part of Enterprise Architecture team, I am responsible for the enterprise level application & infrastructure design & maintenance by proposing improvements to current architecture as well as upgrading the current infrastructure to support latest banking industry standards.

This role included below responsibilities and tasks.

- Designing and development of infrastructure as well as middleware solutions.
- Planning, designing & implementation of WebSphere 8.5.5 migration for core banking
- Writing batch & shell scripts to upgrade websphere application servers on windows and linux
- Writing various shell scripts for user account management and security report generation
- Proof of concepts and design for IBM Urban code and IBM Pure apps
- Implementing AWS POC solution for in-house new apps
- Research & POC for AWS IaC
- POC & implementing CI pipeline for development
- POC for App Dynamics
- Creating & managing AWS resources including EC2, storage, lambda, queues, network and security
- Redesigning of MQ architecture for core banking
- MQ upgrade plan & implementation across organization
- Preparing design documents for current and future state IT architecture
- TSYS MQ High availability architecture design and implementation

Toronto Dominion Bank

Mississauga, Canada

While working as Middleware Architect at TD bank and being part of platform engineering team, I was responsible for the middleware security architecture throughout the organization, which includes various middleware technologies and operating system platforms. I was responsible for making the middleware architecture standards as per bank security guidelines.

- Designing and developing security controls as part of audit.
- Transforming controls into self-sustaining systems.
- Streamlining IT delivery processes, workflow analysis, task automation and implementing self-service concepts.
- Architecting and implementing the WebSphere application server technology
- Execute, implement and coordinate the middleware stack consisting of WebSphere ND, XD, Tivoli, MQ, and ESB & SOA.
- Automating existing legacy procedures and processes using Perl, shell & batch scripting

Enterprise Architect
July 2015 - April 2016
Contract

Reference

George Flaifel
Sr Enterprise Architect, Enterprise Architecture

Technology Stack

IBM WebSphere Application Server v7/8.5, MQ v7/8, SQL DB, IBM Data Power, Aix, Dynatrace v6, IBM Urban Code, IBM PureApps, Microsoft APS, Jboss, IHS v7/8, Tomcat, AWS, Agile, SDLC, App Dynamics

Middleware Architect
August 2014 - February 2015
Contract

Reference

John Bunting
Sr. Manager, Application Portfolio

Technology Stack

IBM WebSphere Application Server v7/8, MQ, SQL DB, Aix, Jboss, IHS, Oracle 11g, Cyber Arc, ESB, Linux, DB2, Windows Server 2003/2008, Togaf 9, Waterfall

Shoppers Drug Mart

North York, Canada

While working as ISL (Infrastructure Solution Lead) at Shoppers Drug Mart (SDM), I was accountable for the successful design and implementation of Infrastructure Solutions that align to architectural standards as well as SDM strategic business. On this role, I was responsible for below responsibilities & accountabilities.

- Development and designing of Infrastructure solutions such that they align to the current IT Standards
- Requirement analysis and validation
- Creating javascript based code and writing upgrade scripts in bash and bat
- Under the management of Project Manager, performing the solution development process from concept stage through to delivery
- Develop & support Proof of Concept & Pilot phases
- Detailed design and deployment planning
- Leading the execution of the deployment for Non-Production and Production environments
- Carry out Project Post Implementation Reviews in order to provide continuous improvement
- Develop and execute implementation plans, risk matrixes, resource requirements and budget estimates
- Accountable for all infrastructure documentation associated with the assigned ePOS portfolio
- Interpreting and analyzing changes within the portfolio environment in order to assess impact to the existing infrastructure landscape.
- Upgrading current middleware stack consisting of DB2, Linux, WebSphere & MQ to current latest levels and automating the upgrade process using shell scripts
- Provided infrastructure solutions including network and storage like upgrading storages, configure
- A high level of subject matter expertise within the DevOps, Containerization using tools like Docker and Continuous Integration

Infrastructure Solution Lead
February 2014 - August 2014
Contract

Reference

Tony Hua

Director, Architecture

Technology Stack

IBM WebSphere Application Server
v6/7/8, MQ v6/7/8, MB v6/7/8, Aix,
Linux, ESB, DB2 v9, FW, Servers,
POS, Payment Gateway, Networks,
Togaf 9

Loblaw Companies Ltd

Brampton, Canada

While working as an Engineer for application virtualization project & Infrastructure Architect for Loblaw's Mobile Wallet project. Application virtualization involved virtualizing customer's specific applications using IBM's Green Hat technology to serve parallel environment sharing, cost effective & making the applications available to testers in a virtualized environment. Overall goal of this virtualization is to make available WMS application systems through all the testing environments at one point of time without reconnecting them to any specific environment and use on WMS engine instead of environment specific engines.

Mobile Wallet is Loblaw's mobile payment system along with TD Bank's joint venture. It allows customer to add PC Bank & TD Bank credit cards to their phone and make payment using their virtual cards by phone.

While performing this, I was responsible for below responsibilities.

- Defining the high-level architecture and detailed system design using architectural methodologies
- Document and implement the architecture designs
- Defining testing scope and perspectives from infra as well as performance perspective
- Make sure system and software architecture are in sync
- Work with other senior architects & product experts to implement the solution
- Interact with stakeholders to make sure that their needs are being met
- Manage risk identification & risk mitigation strategies associated with the architecture
- Work with other application teams to understand the flows and make them understand about new architecture
- Before starting with Green Hat project, finished with Data Centre migration of Loblaw's from Q9 to 2PCC and was responsible for below tasks in this project.
- Initial planning for the 2250 servers from one data center to another regarding schedules and scope
- Provide technical guidance to migration team on different middleware technologies including IBM Websphere App Server, MQ, Broker, Oracle & Aix during migration planning and after migration issues
- Creating the test plans for before and after the migration
- Coordinating with different teams for downtimes and application criticality
- Creating the automated scripts for pre-and post-server migrations and get them tested by the respective teams
- Verifying the new server details in Change Management Database and verifying all other new server details as per Plan
- Triage for ESB interfaces including MQ, MB, WebSphere & MIM related issues
- Testing system failover for various ESB & NON-ESB systems for MQ & MB
- Writing scripts for system automation and esb processes

Sr IT Analyst/Architect
June 2013 - February 2014
Contract

Reference

Girish Janardhan
Sr. Manager, Development Support Services

Technology Stack

IBM WebSphere Application Server v7, MQ v7, MB v7, IHS v7, Tomcat, Metastorm Integration Manager, SAP, Oracle 11g, Aix, Windows Server 2010/12, OpenView, ESB, ETL, BODS

IBM Canada Ltd

Markham, Canada

While working with IBM Canada and Loblaw Companies Ltd as end client, was primarily responsible to support ESB development & production systems. Some of the high level tasks are mentioned below.

- BODS up gradation in various lower and production environments
- Designing and setup of new environments from infrastructure architect point of view for ESB
- Deployment of the latest MB & ESB code to various systems
- Triage and fixing of the existing interfaces and flows
- Setting up of the new environments for various technologies like WebSphere, MQ, MB, DataPower Network Appliances
- Installation, maintenance and configuration of MQ, MB, WAS, Java, Metastorm Integration Manager, BODS
- Automation of current legacy system using various scripting languages and tools
- Creating, managing and configuring jobs for the existing and new interfaces in Autosys
- Fixing the code in eight lower environments along with installation of the middleware software
- Deploying and fixing the code on the production systems
- Installation, maintenance & configuration of IBM WSRR for Loyalty Project
- Maintenance of ESB databases including creating indexes, sequences, users, Sql statements
- Triage in lower & production systems for ESB interfaces including various data flows like file to file, queue to file and queue to queue
- Configuring DataPower Network Appliances, Integration & XML Accelerators with IBM WSRR for Loyalty project

During the new environment setup for testing, was responsible for designing infrastructure setup and completing the setup within the customer timelines. I have designed and implemented new environments for ESB, WSRR, WebSphere, MIM and BODS. During Loyalty project worked closely with Loyalty architecture to design, install, configure and test IBM WSRR.

Besides the above-mentioned activities, also supported the various internally going on projects including Loyalty & SAP, whereas SAP is the largest project for Loblaw running since last two years and first phase went live in last December. Around 400 interfaces were went live at once from WMS to SAP and worked on deployments, installations, providing test support for these interfaces.

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ESB & Oracle Specialist
January 2012 - February 2013

FullTime

[Reference](#)

Girish Janardhan

Sr. Manager, Development Support Services

Technology Stack

IBM WebSphere Application Server v7, MQ v7, MB v7, IHS v7, Tomcat, Metastorm Integration Manager, SAP, Oracle 11g, Aix, Windows Server 2010/12, OpenView, ESB, ETL, BODS

IBM Netherlands Blvd

Amsterdam, The Netherlands

Development Support Services is part of AMS (Application Management Services) in IBM Netherlands. DIS provides services for hosting and managing the infrastructure for external clients as well as for IBM internal projects. DIS mainly works for Smarter Planet projects in Netherlands. DIS also manages the cloud services for IBM Europe and hosting external client's applications on cloud. Involved in Design, Development, Performance and Backup & Recovery for the clients in this project. I was responsible for following tasks and responsibilities.

- Designing of the new Oracle architectures for new clients
- Designing of the new architecture for Websphere and IBM cloud products for various clients
- Following the different architecture methodologies while designing new solutions for the clients
- Installing & managing oracle databases
- Creating DR sites and managing the DR sites
- Performing health checks for databases and applying new APARs for databases
- Implementation of Oracle RAC & Data Guard
- Installation of IBM WebSphere & MQ Broker
- Installing, managing and configuring customer's applications on WebSphere Application Server & MQ
- Maintenance of the Jboss and Weblogic application server
- Creating and managing the java, xml & DataPower based application for websphere and weblogic
- Helping Project Managers in improving implementation plans
- SME for WAS, MQ & Oracle
- Creating Perl scripts for Nagios monitoring system
- Design & Implementation of IBM Netherlands cloud services for customer
- Managing the 24X7 support team of six members in China
- Infrastructure design for IBM private cloud and setting up of IBM cloud costing for various customers
- Creation of various middleware and database templates for IBM cloud

I was the key member during designing and implementation of the cloud services. It was first time when IBM Netherlands started their own cloud and offered its new customer for application host on usages-based charging method. Worked for implementation of application hosting for IBM Smarter Homes & Stores under Smarter Planet project.

Lead a team of 20 persons for 24X7 help desk in china remotely to support various internal projects for Oracle & WebSphere technologies.

Received huge appreciation on completion of the GATE & TAQA project. Received IBM yearly rating of 1 (highest in IBM) for support, improving the existing infrastructure & processes and for making Cloud project a huge success.

Oracle & WebSphere Specialist
June 2010 - Dec 2011
FullTime

Reference

Nick Ruiter

Director, Application Management Services

Technology Stack

IBM WebSphere Application Server v7, MQ v7, MB v7, IHS v7, Tomcat, Weblogic, Jboss, DB2, Oracle RAC, Data Guard, IBM Cloud, Aix, Windows, Linux

IBM India

Gurgaon, India

A bit about client, Vodafone Essar is one of the India's largest telecom companies. It has two National Data Centers and 6 circle data Centers in various states of India. All these data centers are hosting more than 700 databases and more than 100 applications on AIX, Linux, Solaris, Hp UNIX & Windows Server. All the circle databases are managed the central team from National Data Center 1 which is located in Pune, India. At single point of time more than 80 Oracle Database Administrators are managing the databases.

While working with Vodafone India, I gained a huge knowledge in OS, Databases and architecture. I was the key player in India's largest data Center migration, which was done by Vodafone for 450 production databases within three months only without affecting the Customer's business. Beside the migration projects, I was also responsible for the following day-to-day activities.

- Setting up the OS for installing and configuring the Oracle software after initial OS setup
- Prepare the production databases during the UAT process
- Real time synchronization of the production databases at NDC
- Special support during the cutover nights for the billing databases
- Implementation of ISEC for all the production databases
- Creating the clone and refresh of the databases
- Automation of the scripts so that they can be executed at a defined time to make fast day to day activity
- Managing team for DBA tasks for Amdocs databases, guide them about the environment, plans and day to day activities
- Implementation of Oracle RAC & RMAN on AIX systems
- Auditing on users, objects and space management post production live
- Testing recover strategies by simulating databases crashes on the test systems
- Materialized view creation and maintenance for CRM and Data warehouse
- Transportable tablespaces backup of the tablespaces for the purpose to provide data to TRAI
- Applying the databases patches
- Monitoring users, tablespaces, rollback segments and tuning SGA
- Mlog\$ purging for materialized views

Achievements

- Received huge appreciation from IBM & Vodafone Management for Data Center Migration
- Received IBM 1 rating for the contribution to the project and outstanding work
- Promoted as DBA Team Lead for Billing System Transition
- Received around 400+ email appreciations by customer within one year

Oracle Specialist
March 2008 - June 2010
FullTime

Reference

Sandesh Naik
Delivery Project Executive

Technology Stack

Oracle 8i/9i/10g/11g, DB9. AIX, Hp
Unix, Solaris, Windows Server, Linux,
Oracle RAC, BSCS, OpenView