



Deepa Teradalmath

Migration Engineer | Wipro Technologies

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Career Summary

- Innovative DevOps Engineer with business acumen and technical ability helping customers achieve desired outcomes by designing business solutions and making best technology decisions spanning Application and Infrastructure Architecture.
- Over 6 years of experience in the UK and US Banking and Financial Services, Energy & Utilities and Retail industry.
- Fluent in all aspects of Agile Delivery.
- Extensive experience working with Azure Cloud platform

Technical Certification

- AZ-304 Microsoft Azure Architect Design
- Microsoft Certified: Azure Administrator Associate
- Microsoft Certified: Azure Developer Associate
- Microsoft Certified: Azure Fundamentals
- Neo4j Certified Professional

Recognitions

- Round of Applause [Collaborative Working] - 2021 - MAY
- Victory League [Contribution to sustainability] - 2019 - NOVEMBER
- Inspiring Performance [Collaborative Working] - 2019 - JUNE
- Inspiring Performance - 2019 - FEBRUARY
- Inspiring Performance - 2018 - DECEMBER
- Inspiring Performance [Collaborative Working] - 2018 - SEPTEMBER
- Inspiring Performance [Customer Centricity] - 2017 - NOVEMBER
- Round of Applause [Collaborative Working] - 2016 - APRIL
- Inspiring Performance [Customer Centricity] - 2016 - FEBRUARY

Employers

- Wipro Technologies Limited (July 2015 – Present)

Technical Proficiencies

- **Cloud/DevOps:** Azure, Terraform, Ansible, CI/CD, ADO, Bash
- **Web/Programming:** Linux
- **Database:** MDM, Neo4j, DB2
- **Tools:** Azure Devops, JIRA, Confluence, Splunk, AppDynamics

Major Project Experience

Project – Platform Engineering

Role- DevOps Engineer

Work Location – Bangalore, India

Team Size – 6

Technologies – Azure Services, Ansible, Azure Devops, Terraform, GIT, Windows, Linux

Description – Migrate Azure platform services for Client.

Responsibilities:

- Lead for migration of Azure services including aspects of Design, implementation, testing and maintenance
- Responsible for CI/CD best practices, building these into the pipeline and maintaining the pipelines
- Deployment, automation, management, and maintenance of cloud environments.
- Debug technical issues and challenges faced by the team and provide resolution and remedial measures
- Interact and collaborate with teams like Data Governance Team, CISO, GSOC, Monitoring Team, Cloud Assurance etc, to ensure organisation standard approach has been followed.
- Industry experience with software development lifecycles with knowledge of coding and development practices (Python)

Project – Platform Engineering**Role-** DevOps Engineer**Work Location** – Bangalore, India**Team Size** – 7**Technologies** – Azure, Ansible, Terraform, Azure Devops, Windows, Linux**Description** – Cloud Migration Project for Global applications used across the globe from on premise to Azure cloud and completed over 300+ successful VM migration with Azure Site Recovery and Azure Devops.**Responsibilities:**

- Lead Engineer responsible for deploying and implementing Landing zone, scalable, highly available and fault tolerant systems on Cloud.
- Develop and Deploy Terraform scripts for Infrastructure creation in Azure for various services like Azure Data lake storage, virtual desktop, webapp-for-containers, Azure Devops, Azure pipeline CI CD, Azure Repos, Azure Active Directory, Azure Site Recovery, Traffic Manager, Key vault.
- Azure VM image scanning using Qualys and Automation of the application software installation using scripts.
- Deploying Infrastructure using Terraform and Ansible as per customer requirement
- Experience developing Git repository, Azure Devops CI, build, test and continuous integration
- System troubleshooting and problem resolution across various application domains and platforms.
- Definition and deployment of Azure Monitor for metrics, logging, and monitoring on Azure platform
- Coordinated and performed deployment of modules (from development, unit testing, integration testing, build and deploy of staging and production).
- Responsible for interaction with release management and change Management for planning and scheduling of release activities.

Project - Cloud Migration**Role** – DevOps Engineer**Team Size** – 6**Work Location** – Bangalore, India**Technologies** – Azure Services, Azure Devops, Terraform, Windows, Linux**Description** - Cloud Migration project for applications dealing with migration of applications from on premise data centre to Azure Cloud. Have worked in the successful migration of front-end and database applications following both lift and shift approach, and Refactoring approach.**Responsibilities:**

- DevOps engineer responsible for development and deployment of Terraform and Ansible modules
- Identify and troubleshoot issues related to individual systems and system in Distributed, enterprise environments.
- Create Low level Diagrams using Visio from the High-Level Diagram and interacted with other teams like Database teams, administrator teams etc to resolve dependencies associated with the build.
- Provided handover and prepared Technical Handover Document for the OPS team.
- Decommission the on-premise infrastructure after successful migration to Azure

Project – Automation using DevOps and CI/CD**Account** - Insurance**Team Size** – 4**Work Location** – Bangalore, India**Technologies** – Ansible, Terraform, Azure Services, Linux**Description** – Automate the application installation using Ansible and deploy using CI/CD tools.**Responsibilities:**

1. Development and deployment of application specific Playbook using Ansible.
2. Use Azure Devops for continuous Integration and Deployment of developed modules.
3. Building Cloud infrastructure using Azure pipelines and aligning them according to the application requirements.

Project – Master Data Management**Team Size** – 9**Account** – Insurance**Work Location** – Bangalore, India**Technologies** – IBM Master Data Management, IBM DB2, Squirrel SQL Client, XML, Java.

Description – Development and maintenance of MDM services which were consumed by various Insurance E-Commerce Portals and interacted with multiple backend systems.

Responsibilities:

1. MDM Developer responsible for enhancement and maintenance of APIs consumed by the E-commerce portals.
2. Coordinate with other platform teams for development and support teams in case of High Severity issues to resolve and stabilize production environments.
3. Problem Management and root cause identifications for recurring production issues and providing robust solutions.

Education

1. Master of Technology in Software Engineering from Birla Institute of Technology and Science, Pilani, 2015-2019
2. Bachelor of Computer Applications from Rani Channamma University, Belgavi, 2012-2015