


Pon Radhi
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Results-driven **Azure Cloud and DevOps consultant** with over 5 years of professional IT experience, excelling in system administration, automation, and cloud deployment, particularly focused on Azure IAAS and SAAS, showcasing proficiency in **ARM Templates and Azure DevOps, and AKS(Azure kubernetes services)**

Professional Summary :

- Expertise with the deployment and management of **Azure IAAS and SAAS solutions**, showcasing 5+ years of professional IT experience as an **Azure DevOps Engineer**.
- Demonstrated prowess in **Azure DevOps, ARM Templates**, and core DevOps concepts, including Continuous Integration (**CI**), Continuous Delivery (**CD**), and Infrastructure as Code (**IaC**).
- Proficiently managed **Azure Kubernetes Service (AKS)** deployments and adeptly crafted Docker image files.
- Showcased expertise in overseeing Windows Azure IaaS, encompassing Virtual Networks, Virtual Machines, Cloud Services, Express Route, Traffic Manager, VPN, Load Balancers, and Auto-Scaling.
- Skilled in source code management using **GitHub, GIT and Azure Repos**, configuring and monitoring CI/CD pipelines using Azure Repos.
- Executed infrastructure creation through **Terraform** scripting, ensuring efficient deployment on various cloud providers.
- Extensive experience in **Docker containerization** and deployment across diverse cloud platforms.
- Administered Azure IAAS/PAAS services, including Virtual Machines, Web and Worker roles, VNET, Network services, Azure DevOps, SQL Databases, Storages, Azure Active Directory, **Monitoring, Autoscaling, PowerShell** Automation, Azure Search, DNS, and VPN.
- High proficiency in **Java and .Net** other apps **build and release** processes utilizing **Maven and MS Build and gradle** build tools.
- Developed **Azure Resource Manager (ARM)** templates for resource deployment, updates, deletions, and migration to Azure using Azure Site Recovery (ASR) and Azure backups.
- Demonstrated expertise in Azure Backup, **Azure Policies, Azure Key Vault**.
- **Deployed backend/microservices/web** Java applications into the release environment using Maven and Gradle build tools.
- Proficient in CI/CD tools such as Jenkins, Azure DevOps, and **Sonar code scan validations**, with a robust background in DevOps practices.
- Orchestrated configuration management through Azure Automation State Configuration, ensuring consistent setups.

- Collaborated effectively with development teams to ensure code quality and proactively addressed issues in the project management with **Azure Board**, Requirement gathering and requirement analysis.
- Monitored and **troubleshooted pipeline** efficiency and reliability, promptly addressing any failures.
- Implemented and managed integrations with Azure services to meet project requirements.
- Documented and communicated deployment processes and configurations for future reference in **KBs, reference CRs, resources and confluence**.

Employment Experience :

- Working as **Senior Specialist L2** at , **Public sapient, Bangalore** from Nov 2019 to Till date.
- Working as **Associate Engineer** at , **TESCO, Bangalore** from June 2018 to Oct 2019.

Education Summary :

Graduate in B.E (Bachelor of Engineering) from VTU,(Visveswaraiah Technology University), Belgaum.

Technical Expertise :

Technical Skills

Operating Systems	Windows, Linux.
CI/CD tool	Azure CI/CD, Azure pipelines.
Infra as a code(IaaC)	ARM Template, Terraform, PowerShell
SCM Tools	GIT, GitHub, Azure Board
Build Tools	Maven, MS Build, Gradle
Code Coverage Tool	SonarQube, Sonar cloud
Artifactory tool	Azure Artifactory
Containerization tool	Docker, AKS
Issue / Bug Tracking tool	Azure Boards.
Cloud	AZURE
Monitoring Tools	Azure Monitor, Azure Application Insights, Log Analytics

Project #3: TelNet Data-Integration Adaptor[TDA] Platform

[Dec 2021 to Till Date.]

Client	AT&T
Domain	Telecommunications
Role	Senior Specialist L2
Duration	Dec 2021 to Till Date.
Environment	Azure Cloud, Azure Pipelines, Git, Docker, Azure pipeline, Terraform , Power Shell Scripting, Kubernetes, JSON, ARM Templates, Azure Monitor.

Description:

TelNet Data-Integration Adaptor[TDA] Platform for AT&T Telecommunications, the project addresses the need for a unified and efficient telecommunications infrastructure to enhance service delivery and network management.

Business Challenge:

The existing telecommunications infrastructure faced challenges with disparate systems, leading to inefficiencies in network management, service deployment delays, and increased operational complexities. The goal was to streamline processes, improve service delivery times, and enhance overall network reliability.

Roles and Responsibilities:

- Mastered the intricacies of the entire build process during comprehensive knowledge transfer sessions.
- Managed **Azure DevOps** organization settings, meticulously handling user access and configuring security settings.
- Oversaw **Git repositories**, implementing version control strategies tailored specifically for telecom application development.
- Designed, configured, and sustained **Azure Pipelines**, ensuring continuous integration and deployment efficiency for telecom applications.
- Implemented **Docker containers**, optimizing application deployment processes for scalability and efficiency.
- Developed and managed **ARM Templates**, employing Infrastructure as Code (IaC) principles for provisioning and managing telecom network resources.
- Collaborated with network engineering teams, employing **Power Shell Scripting** and **Terraform** for automating telecom network configurations.
- Implemented **Kubernetes** for container orchestration, enhancing the deployment efficiency of telecom services.
- Integrated **Azure Monitor** for comprehensive monitoring and alerting systems.
- Collaborated closely with the Site Reliability Engineering (SRE) team, implementing effective monitoring strategies.
- Engaged with cross-functional teams, ensuring seamless collaboration and communication throughout project phases.
- Documented deployment processes, configurations, and network topologies for future reference.
- Implemented specialized telecom technologies and protocols, optimizing call routing, network efficiency, and service reliability.
- Applied in-depth knowledge of telecom network concepts, enhancing application performance and user experience.
- Successfully achieved a 30% reduction in service deployment times through streamlined CI/CD processes.
- Enhanced network reliability, leading to a notable 20% reduction in downtime incidents.
- Implemented proactive monitoring strategies, resulting in faster issue resolution and improved overall system performance.

Project #2: GlaxoSmithKline Health care

[Nov 2019 to Oct2021.]

Client	GlaxoSmithKline [GSK Plc]
Domain	Pharma and Health Care.
Role	Senior Specialist
Duration	Nov 2019 to Oct 2021.
Environment	Azure Cloud, Azure Pipelines, Git, Docker, Azure pipeline, Terraform, Power Shell Scripting, AKS

Responsibilities:

- Mastered the intricacies of the entire build process during comprehensive knowledge transfer sessions.
- Proficiently managed projects within Git repositories, taking charge of the **Git Version Control tool's** Maintenance and Administration.
- Executed essential version control tasks, including Branching, Tagging, Merging, and ensuring regular code backups.
- Established and managed subscription, organization, and project-level access permissions for specific users.
- Utilized Docker for containerization, adeptly running containers and services while implementing **Docker swarm** for efficient orchestration.
- Engineered an automation system employing PowerShell scripts and JSON templates to address and remediate issues in Azure services.
- Conducted seamless deployment of WAR files as part of the application delivery process.
- Proactively identified and resolved build issues, collaborating closely with the development team for swift resolutions.
- Demonstrated expertise in **Azure pipeline CI/CD pipelines** within the Azure environment.
- Leveraged **Azure Kubernetes Service (AKS)** for deploying managed Kubernetes clusters in Azure, successfully creating and managing AKS clusters.
- Assumed responsibility for the Maintenance and Administration of the Azure DevOps Continuous Integration Tool.
- Crafted robust pipelines using **Azure DevOps**, orchestrating infrastructure deployment through **Terraform** in Azure.
- Applied knowledge and proficiency in Kubernetes and Azure DevOps (ADO) tools to streamline project processes.
- Monitored builds diligently, offering proactive support to resolve any arising build issues promptly.
- Orchestrated deployments across multiple environments, including Development, Quality Assurance (QA), User Acceptance Testing (UAT), and Production environments.

Project #1: TESCO Commerce and Retail.

June 2018 to Oct 2019.]

Client	TESCO
Domain	Commerce and Retail.
Role	Associate Engineer
Duration	June 2018 to Oct 2019.
Environment	Azure Cloud, Azure Pipelines, Git, Terraform, ARM Templates,

Responsibilities:

- Administer user access, security protocols, and permissions within **Azure DevOps**, ensuring a secure and controlled environment.
- Supervise the establishment and organization of repositories, pipelines, and boards, fostering a streamlined project structure.
- Oversee code repositories in Azure DevOps, implementing effective version control and branching strategies for project coherence.

- Structure and organize the codebase and configurations meticulously, catering to the specific needs of the healthcare project.
- Configure and maintain **Azure DevOps Pipelines**, orchestrating automated build, test, and deployment processes.
- Implement distinct pipeline stages for Build, Test, and Deploy, tailored to the unique demands of the healthcare project.
- Develop and manage **Azure Resource Manager (ARM) Templates** for Infrastructure as Code (IaC), ensuring project-specific infrastructure requirements are met.
- Manage **Docker containers** efficiently using **Azure Container Instances (ACI)**, ensuring seamless orchestration through Azure DevOps.
- Implement Azure Automation State Configuration for consistent and efficient configuration management.
- Ensure uniform configurations across development, testing, and production environments, guaranteeing consistency and reliability.
- Leverage **Azure DevOps Boards** for comprehensive project management, workflow tracking, and collaborative engagement.
- Establish Teams and channels to facilitate effective communication and collaboration among project stakeholders.