

RAYEESA SHARIFF

Cloud Engineer

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Summary

Cloud Engineer with 2+ years of industry experience in DevOps, CI/CD pipeline implementation, Build & Release Management, and Cloud Infrastructure Administration. Experienced in AWS, Azure, Infrastructure as Code (Terraform), Docker, Kubernetes, Git, Jenkins, and Linux. Demonstrated ability to develop cloud-native and AI-driven solutions that enhance operational efficiency and resource optimization.

Certifications: AZ-900 | OCI Foundations Associate | OCI AI Foundations Associate

Experience

Oracle Cloud Support Engineer	Bangalore 01/2024 - Present
<ul style="list-style-type: none">Managed and configured Azure Virtual Machines, Virtual Networks, and Storage Accounts to support reliable cloud operations and service availability.Automated infrastructure provisioning and configuration management using Terraform, enabling faster and repeatable deployments.Implemented Azure Backup and Site Recovery for critical workloads, ensuring 99.9% data availabilityCollaborated with DevOps teams to integrate Azure Resource Manager (ARM) templates into Azure DevOps pipelinesConfigured NSGs (Network Security Groups) and Azure Firewall to enhance network security, reducing unauthorized access attempts	

Education

RGIT - VTU Bachelor of Engineering (BE): Computer Science & Engineering	Bangalore, India
PES University MBA: Business Analytics	Bangalore, India

Skills

Cloud Platforms & Monitoring:

Microsoft Azure - Compute, Storage, Networking · Azure Monitor · Log Analytics · Prometheus · Grafana · Linux · Windows

Scripting, DevOps & Programming: PowerShell · Azure CLI · Bash · CI/CD pipelines · Git · Java · SQL

Infrastructure as Code: Terraform · Ansible · ARM Templates

Containers & Orchestration: Docker · Kubernetes (AKS)

Projects

Cloud-Cost-Intelligence (AI Cloud Cost Detective), Project

Personal Projects Tech Stack: React, TypeScript, FastAPI, Azure CLI, Azure, Gemini API, Azure PostgreSQL, WebSockets

- Built a FastAPI backend integrated with Azure CLI to discover cloud resources and perform infrastructure assessments.
- Leveraged Gemini APIs to detect over-provisioned resources, unused assets, storage inefficiencies, and cloud misconfigurations with actionable recommendations.
- Implemented real-time analysis tracking using FastAPI WebSockets and developed a React-based dashboard for cost visibility and reporting.
- Secured the platform using JWT authentication and stored analysis history in Azure Managed PostgreSQL.

Exadata Cloud@Customer Migration

Projects

- Participated in the migration of on-premises database workloads to Oracle Exadata Cloud@Customer for a large financial services client.
- Coordinated with cross-functional teams to plan migration windows, conduct data validation, and optimize workload performance post-migration

Cloud-Native DevOps Pipeline Implementation - Spring Boot on Azure AKS

- Designed and implemented a complete DevOps pipeline for a Spring Boot application using Azure DevOps, Terraform, Docker, and Kubernetes (AKS)
- Automated builds and code quality checks with Maven and SonarQube. Provisioned scalable Azure infrastructure with Terraform and deployed containers to AKS for robust orchestration

Resume Hosting Platform

Personal Projects

- Developed a serverless, cloud-native application for dynamic resume hosting and updates using Azure Static Web Apps, Azure Functions, and Cosmos DB
- Leveraged Azure Functions to handle HTTP-triggered events and log view metrics in Cosmos DB. Automated CI/CD processes with GitHub Actions for seamless deployments and updates