

LOHITH SUDHEER KUMAR ROTTE

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PROFESSIONAL SUMMARY

DevOps Engineer with 4+ years of experience in AWS and Azure, specializing in Terraform, Docker, Kubernetes (EKS), and Jenkins-based CI/CD pipelines. Experienced in designing, securing, and optimizing end-to-end delivery workflows, implementing DevSecOps practices such as vulnerability scanning and static code analysis, and automating cloud infrastructure using Infrastructure as Code. Strong in Linux administration, cloud security, monitoring, and cross-team collaboration to improve deployment reliability, system stability, and high availability in cloud-native environments.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS, Azure
- **CI/CD and GitOps:** Jenkins, Helm, Azure DevOps (ADO), Argo CD
- **Infrastructure as Code & Configuration:** Terraform, Ansible, CloudFormation, YAML, JSON
- **Containerization & Orchestration:** Docker, Kubernetes (EKS)
- **Version Control:** Git, GitHub
- **Monitoring & Logging:** Prometheus and Grafana, ELK Stack, New Relic, Splunk
- **Security & DevSecOps:** IAM, RBAC, Secrets Management, CI/CD Security, Vulnerability & Endpoint Security (Trivy, Nessus Agent, Falcon Sensor)
- **Scripting & Programming:** Bash, Shell, Python (basic), Oracle SQL
- **Operating Systems:** Linux Administration (Ubuntu, Amazon Linux, RHEL)

PROFESSIONAL EXPERIENCE

DevOps Engineer

2022 – Present

Tata Consultancy Services (TCS)

Client: Hewlett-Packard (HP)

HP2B Commerce Platform (AWS)

- Designed, implemented, and operated AWS cloud infrastructure using Terraform, CloudFormation, and Kubernetes (EKS), ensuring high availability, security, scalability, and consistent achievement of **99.9% SLA** in production environments.
- Developed and standardized Jenkins CI/CD pipelines with integrated security controls, IAM, secrets management, vulnerability scanning, and **Blue-Green deployment** strategies, resulting in a **30% reduction in deployment failures** and minimal production downtime.

B2C Commerce Platform using Azure Devops

- Designed and implemented end-to-end CI/CD pipelines using **Azure DevOps** for a B2C commerce platform, enabling automated build, test, and deployment workflows across multiple environments.
- Provisioned and managed cloud infrastructure using Infrastructure as Code (**Terraform/ARM**), integrated security, monitoring, and release governance, and improved deployment reliability, scalability, and time-to-market.

HP eBiz Storefront – Maintenance and Reliability

- Managed and automated **Apache Tomcat**-based Java applications on **AWS EC2**, standardizing deployments across development, QA, and production environments to improve reliability and consistency.
- Built and optimized **Jenkins CI/CD** pipelines for secure Java WAR build and deployment, enhancing monitoring, logging, and incident resolution while supporting SRE practices, production reliability, and operational stability.

CERTIFICATIONS

AWS Certified Solutions Architect – Associate (SAA-C03)

Microsoft Certified: Azure Administrator Associate (AZ-104)

EDUCATION

Bachelor of Technology (B.Tech) – Aditya Engineering College
Jawaharlal Nehru Technological University | 2017 – 2020

Diploma – Aditya Polytechnic College
State Board of Technical Education and Training | 2014 – 2017