

SUMMARY

- DevOps Engineer with 3+ years of experience in automating infrastructure provisioning using Terraform and managing scalable deployments on AWS (EC2, VPC, S3, IAM, Load Balancer, RDS) for enterprise-grade application servers in a MES (Manufacturing Execution System) environment.
- Proficient in building CI/CD pipelines using Jenkins, Git, and Ansible, with hands-on experience in writing Jenkinsfiles and Ansible playbooks for consistent, automated deployments across hybrid infrastructure.
- Familiar with Docker, Kubernetes, and other DevOps tools through self-learning and labs, with a strong focus on cloud-native practices, infrastructure as code, and operational excellence.

Skills And Certifications

Primary Skillsets

- **Cloud Infrastructure:** AWS (EC2, S3, IAM, VPC, RDS, CloudWatch, CloudTrail)
- **Infrastructure as Code:** Terraform (Modules, Remote State, Workspaces)
- **CI/CD Tools:** Jenkins
- **Monitoring & Logging:** AWS CloudWatch, Log Analysis
- **Incident & Change Management:** ITIL, SLA Handling

Secondary Skillsets

- **Version Control:** Git, GitHub
- **Configuration Management:** Ansible (Playbooks, Roles, Patch Automation)
- **Collaboration Tools:** Jira, Confluence, ServiceNow
- **Communication:** Client Interaction, Vendor Coordination, Infra Team Collaboration

Certification:

- AWS Certified Cloud Practitioner
- AWS Certified Solutions Architect – Associate

Professional Experience

Cognizant Technology Solutions	Feb 2022 – Present
Project: MES – Manufacturing Execution System	
<ul style="list-style-type: none">• Automated and managed scalable AWS infrastructure using Terraform, provisioning EC2 instances, VPCs, S3 buckets, IAM roles, Security Groups, and Load Balancers to support secure and resilient deployments for MES applications.• Created and maintained infrastructure using Terraform for enterprise-grade application servers, ensuring modular, reusable, and version-controlled infrastructure as code.• Implemented CI/CD pipelines using Jenkins integrated with GitHub, enabling automated deployment of MES application components to EC2 instances.• Configured secure SSH-based deployment from Jenkins to EC2 application servers, ensuring seamless and secure delivery pipelines.• Used Ansible for configuration management and server provisioning, automating patching and service deployment across MES environments.• Leveraged Amazon CloudWatch and CloudTrail for real-time monitoring, custom metrics, alarms, and auditing API activity to enhance system observability and compliance.• Supported MES operations including incident management, patching, log analysis, and SQL troubleshooting across multiple environments.• Participated in SLA calls, collaborated with vendors and infra teams, and resolved issues to ensure high availability and performance.• Collaborated with cross-functional teams using Git for version control, contributing to improved deployment reliability and faster release cycles.	

EDUCATION

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| • Bachelor of Engineering (B.E.) – 2021 | 77.00% |
| • Higher Secondary Certificate (HSC) – 2017 | 75.54% |
| • Secondary School Certificate (SSC) – 2015 | 80.00% |