

# SURENDAR SV - DevOps Engineer

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## Professional Summary

DevOps Engineer with 1.5+ years of hands-on experience in cloud infrastructure, automation, and CI/CD pipelines. Skilled in AWS, Linux, Docker, Git, and Bash, with real-world experience in production deployments, troubleshooting, and monitoring. Well-versed in incident handling, proactive monitoring, and process automation to ensure stable and reliable releases. Currently advancing toward DevOps, SRE, and platform engineering roles by deepening expertise in Kubernetes, Terraform, and cloud-native automation. Focused on building scalable, production-ready environments while improving deployment speed, system reliability, and operational efficiency.

## Technical Skills

- Cloud Platforms: AWS, Azure
- Operating Systems: Linux ,Windows
- Containers & Orchestration: Docker, Kubernetes
- Databases: MySQL
- Scripting Languages: Python, Bash
- AI & Productivity Tools: ChatGPT
- Networking Fundamentals: DNS, TCP/IP, LB,OSI Layers, VPC, SGs
- Web & Application Services: IIS, F5 LB, Proxy Servers, VPN.
- DevOps & Automation Tools: Git, GitHub, Jenkins, Ansible.
- CI/CD & Deployment: GitHub Actions, Octopus Deploy
- Monitoring & Logging: Prometheus, Data Dog, Dynatrace, Splunk
- Soft Skills: Collaborative Teamwork, Continuous Learning

## Professional Experience

DevOps Engineer | Movate Technologies, Chennai | June 2024 – Present

- Monitored and supported production workloads across backend, frontend, and database systems to maintain availability and performance.
- Automated deployments and configuration updates using CI/CD pipelines, reducing manual intervention and improving release reliability.
- Managed Docker-based application environments and assisted in Kubernetes-based deployments.
- Implemented and validated QA and production releases using Azure Pipelines, ensuring consistent and error-free deployments.
- Contributed to IaC efforts using Terraform and CloudFormation for reproducible infrastructure provisioning.
- Owned incident management end-to-end for P1/P2/P3 issues, including proactive monitoring and RCA participation to prevent recurrence.
- Documented deployment procedures, SOPs, and best practices to improve team efficiency and operational transparency.
- Collaborated with cross-functional teams to improve deployment workflows, cost optimization, and system reliability.

## Key Projects & Achievements

- CI/CD & Deployment Automation:** Implemented QA and Prod deployments using Azure Pipelines and Octopus Deploy; standardized infrastructure using Terraform & CloudFormation.
- Cloud & Monitoring Migrations:** Migrated monitoring from Splunk to Datadog and supported on-prem to AWS migration, improving observability and scalability.
- Automated Incident Routing:** Used Terraform tags in Datadog to auto-route alerts to the correct teams, reducing manual handling and response time.
- SOP & Documentation Ownership:** Structured and updated deployment SOPs and runbooks, improving team onboarding and operational consistency.

## Certifications & Professional Development

- AWS Certified Solutions Architect – Associate – Completed**
- KodeKloud: Kubernetes Learning Path (KCNA/CKAD) – In Progress**

## Education

- B.E in Electronics Communication Engineering | [Bannari Amman Institute of Technology,Sathy], [2020-2024].
- Higher Secondary (12th) | [BVM Matriculation Higher Secondary School,Pollachi], [2019 - 2020].