

Sai Laxmikant Kotgire

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---PROFESSIONAL SUMMARY

DevOps Engineer with 1 year of experience specializing in cloud infrastructure, CI/CD automation, and Infrastructure as Code (IaC) to enhance deployment efficiency and system reliability. Proven ability to optimize resources, reduce costs, and improve scalability through containerization and monitoring solutions. Focused on implementing robust DevOps practices to accelerate software delivery and ensure high-availability systems

---WORK EXPERIENCE

Associate Software Developer | SecurityBoat | Pune, India | Mar 2025 – Present

- Accelerated application deployment and improved frequency on AWS clusters through streamlined DevOps initiatives.
- Engineered a migration of services from AWS to a local Mac server for development and testing, reducing cloud costs.
- Implemented CI/CD pipeline through Jenkins for continuous integration and continuous deployment
- Implemented and integrated monitoring and observability tools including Grafana, Prometheus, and Site 24x7 for proactive system health tracking.
- Optimized Docker image size by 86% (from 3GB to 400MB), significantly reducing build times and storage costs.
- Configured and managed Omada firewall systems to secure in-house server infrastructure, enhancing network security posture.

Assistant Service Delivery Coordinator | DXC Technology | Pune, India | Jun 2023 – Dec 2023

- Assisted in coordinating IT service delivery and support operations.
- Gained foundational exposure to enterprise IT infrastructure and service management processes.

--- ADVANCED PROJECTS

Project 1: Microservices CI/CD Pipeline Automation

- Objective: Automate build, test, and deployment processes for a microservices application to reduce manual effort and deployment errors.
- Tools: AWS (EC2, ECS, IAM), Jenkins, Docker, Git, Bash
- Actions:
 - Designed and implemented a Jenkins-based CI/CD pipeline

- integrating GitHub webhooks for automatic trigger on code commits.
- Containerized microservices using Docker and configured Jenkins jobs for automated build and push to Docker Hub.
- Automated deployment to AWS ECS using Jenkins pipelines and Bash scripting.
- Integrated unit testing and code quality checks into the pipeline.
- **Results: Achieved 70% reduction in manual deployment time, increased deployment frequency by 50%, and minimized human-error related rollbacks.**

Project 2: Infrastructure as Code (IaC) Provisioning & Monitoring Stack

- Objective: Provision cloud infrastructure consistently and deploy a centralized monitoring dashboard for performance visibility.
- Tools: Terraform, AWS (EC2, VPC, S3), Prometheus, Grafana, Docker
- Actions:
 - Developed reusable Terraform modules to provision AWS resources (VPC, EC2 instances, security groups) in a repeatable manner.
 - Deployed Prometheus and Grafana as Docker containers on provisioned EC2 instances for metrics collection and visualization.
 - Created custom Grafana dashboards to monitor system metrics (CPU, memory, disk I/O) and application health.
 - Configured Prometheus alerts for critical thresholds.
- Results: Enabled consistent environment spin-up in under 10 minutes (vs. 2+ hours manually). Improved mean time to detection (MTTD) for infrastructure issues by 60% through comprehensive dashboards and alerts.

--- TECHNICAL SKILLS

Cloud: Amazon Web Services (AWS)

IaC: Terraform, Ansible

CI/CD: Jenkins, GitLab CI, Git

Containers: Docker, Kubernetes, AWS ECS

Monitoring: Grafana, Prometheus, Site 24x7

Scripting: Bash, Python

OS: Linux (Ubuntu), macOS, Windows

--- EDUCATION

Bachelor of Technology (B.Tech) in Information Technology | MGM's College of Engineering, Nanded, India

- CGPA: 6.64

Diploma in Computer Engineering | Gramin Technical and Management Campus, India (MSBTE)

- Aggregate: 84.63%

Class X (CBSE) | N.P.S. Public School, Nanded, India

- CGPA: 7.5

----**CERTIFICATIONS**

- Oracle Cloud Infrastructure 2025 Certified DevOps Professional
- Oracle Certified Foundations Associate
- Linux for Beginners (Udemy)
- Microsoft Azure Fundamentals (Udemy)
- Microsoft Cloud for Sustainability Overview
- Object-Oriented Programming using Python (Infosys)
- Programming Fundamentals using Python (Infosys)