

Sandhya Kumari

DevOps Engineer

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Professional Summary

Proactive **DevOps Engineer** with strong hands-on experience in **Cloud Computing (AWS/Azure)** and **Infrastructure as Code (Terraform)**. Proficient in building and maintaining robust **CI/CD pipelines** using Jenkins and Git. Expert in containerization with **Docker** and orchestration using **Kubernetes**. Skilled in **Python** and **Bash scripting** to automate operational workflows and optimize system reliability. Eager to drive operational excellence and accelerate software delivery in a dynamic engineering environment.

Technical Skills

Cloud Infrastructure	AWS (EC2, S3, EKS, RDS), Azure, CloudFormation
DevOps Tools	Docker, Kubernetes, Jenkins, Terraform, Ansible, Git/GitHub
Scripting & OS	Python, Bash/Shell Scripting, Linux Administration (Ubuntu/CentOS)
Monitoring	Prometheus, Grafana, ELK Stack, CloudWatch
Core Competencies	CI/CD Automation, Infrastructure as Code (IaC), Microservices, High Availability

Technical Experience

07/2025–Present	DevOps Engineer Intern, DevOps Quest , Infrastructure Automation <ul style="list-style-type: none">CI/CD Pipelines: Designed and implemented automated CI/CD pipelines using Jenkins, reducing manual deployment time by 40% and ensuring consistent releases.Infrastructure as Code: Provisioned and managed scalable cloud infrastructure on AWS using Terraform, ensuring reproducible environments for development and production.Container Orchestration: Deployed and orchestrated microservices applications using Docker and Kubernetes clusters, improving application scalability and resource utilization.Monitoring Setup: Configured Prometheus and Grafana dashboards to monitor system health metrics, proactively identifying bottlenecks before they impacted users.
07/2024–12/2024	Software Developer, FOODISTA , Deployment & Operations <ul style="list-style-type: none">Deployment Automation: Automated backend deployment processes using Bash scripting and Linux cron jobs, significantly reducing downtime during updates.Cloud Hosting: Managed the hosting and configuration of the web application on cloud servers, ensuring 99.9% uptime and high availability for 1,000+ daily users.Database Maintenance: Performed regular database migrations and backups for MongoDB, ensuring data integrity and rapid disaster recovery capabilities.Performance Optimization: Optimized server configurations and load balancing strategies to handle peak traffic during lunch hours efficiently.

Education

2022–2026	B.E. Computer Science (Specialization in DevOps) , Chandigarh University, Punjab CGPA: 7.65 Relevant Coursework: Cloud Computing, DevOps Methodologies, Linux Administration, Network Security.
2022	Intermediate (Class XII) , KV AFS High Grounds, Chandigarh, 82%

Academic Research & Projects

01/2023–03/2023	Research Analyst, Systems Architecture <ul style="list-style-type: none">Infrastructure Analysis: Analyzed the architecture of large-scale distributed systems, researching best practices for scalability and fault tolerance in cloud environments.Security Practices: Investigated DevSecOps principles to integrate security checks early in the development lifecycle, ensuring secure infrastructure deployment.
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Certifications & Interests

Certifications	Oracle Cloud Infrastructure Generative AI Professional
Interests	Automating Workflows, Cloud Native Technologies, Open Source Contributions, Linux Internals