

Sakshi

DevOps Engineer

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sakshi-code13.github.io/Portfolio/

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Professional Summary

Highly skilled and results-driven **DevOps Engineer** with a strong foundation in **software engineering**. Committed to automating, streamlining, and optimizing software delivery through robust **Pipeline Management**. Proven experience in designing **CI/CD pipelines** using Jenkins and GitHub Actions. Expert in **Infrastructure as Code (IaC)** using **Terraform** to provision cloud resources on AWS and Azure in a repeatable and **consistent** manner. A collaborative problem-solver dedicated to **continuous improvement, operational efficiency, and security integration (DevSecOps)**.

Technical Skills

Cloud Platforms	AWS (EC2, S3, Lambda, VPC), Azure (Monitor, DevOps), GCP, Cloud Infrastructure
DevOps Tools	Docker, Kubernetes, Jenkins, GitHub Actions, GitLab CI/CD, Terraform (IaC), Ansible
Scripting & OS	Python, Bash Scripting, PowerShell, Linux (RHEL, Ubuntu), Shell Scripting
Monitoring	Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), Azure Monitor
Core Skills	Version Control Systems (Git), Continuous Integration, Root Cause Analysis, Troubleshooting, Communication, Pipeline Management

Education

2022–2026	Bachelor of Engineering in Computer Science (Specialisation in DevOps) , Chandigarh University, CGPA: 8.21 Relevant Coursework: Cloud Computing, DevOps Methodologies, Linux Administration, Network Security.
2021	Intermediate (Class XII) , Kendriya Vidyalaya AFS Thane Kolshet, 90%

Work Experience

July 2025 - Present	DevOps Lead & Developer , <i>DevOps Quest (Gamified Learning Platform)</i> , Project ○ Design, implement, and maintain robust CI/CD pipelines using Jenkins and GitHub Actions, ensuring efficient Pipeline Management . ○ Manage cloud environment resources on AWS and Azure, focusing on performance and cost-efficiency . ○ Use Terraform (IaC) to provision and configure infrastructure in a repeatable and consistent manner. ○ Implement monitoring and logging systems using Prometheus and Grafana to ensure system health and performance. ○ Conduct root cause analysis for technical issues, ensuring high availability and reliability of the platform.
Jan 2025 - Mar 2025	Cloud Engineer , <i>E-Commerce Website</i> , Project ○ Package and manage applications using Docker and orchestrate containerized deployments with Kubernetes . ○ Write and maintain automation scripts using Python and Bash to automate repetitive tasks and improve operational efficiency . ○ Integrate security best practices and automated checks into the pipeline (DevSecOps) to protect from vulnerabilities. ○ Utilized Version Control Systems (Git) to facilitate strong communication and collaboration between teams.
July 2024 - Dec 2024	Full Stack Developer , <i>FOODISTA (Campus Dining Platform)</i> , Academic Project ○ Troubleshooting: Designed procedures for system troubleshooting and maintenance, ensuring 99.9% uptime . ○ Optimized resources across Azure cloud infrastructure to support 500+ daily users efficiently. ○ Utilized Version Control Systems (Git) to manage codebases and facilitate seamless collaboration with the QA team.
Jan 2024 - May 2024	Frontend Developer , <i>Patient Care System (Healthcare Portal)</i> , Academic Project ○ Implemented Role-Based Access Control (RBAC) as part of Security Integration to protect patient data. ○ Collaborated with IT operations teams to streamline deployment processes and ensure continuous integration .

Academic Research

Nov 2025	Research Paper , <i>DevOpsQuest: A Gamified Learning Platform</i> ○ Authored a paper on architectural patterns for ed-tech, demonstrating a 20% faster skill acquisition rate via simulation.
Jan 2024	Academic Study , <i>Cyber Attacks on UPI Payment Systems</i> ○ Analyzed security vulnerabilities in payment gateways and proposed encryption standards to mitigate phishing risks.

Certifications & Interests

Certifications	Oracle Cloud Infrastructure Generative AI Professional (2024), Microsoft Azure Fundamentals (2023)
Interests	Infrastructure as Code, Container Orchestration, Open Source Contribution