

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, DevOps Quest (Gamified Learning Platform), 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, E-Commerce Website, 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, FOODISTA (Campus Dining Platform), 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, Patient Care System (Healthcare Portal), 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, DevOpsQuest: A Gamified Learning Platform
- Authored a paper on architectural patterns for ed-tech, demonstrating a 20% faster skill acquisition rate via simulation.
- Jan 2024
- Academic Study, Cyber Attacks on UPI Payment Systems
- 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