DEVANSHU SAINI

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LinkedIn | GitHub | Docker Hub | Portfolio

SUMMARY

DevOps Engineer skilled in Linux, Shell scripting, Docker, Kubernetes, AWS, CI/CD, Terraform, and Git. Built end-to-end pipelines, automated deployments, and configured production-grade Kubernetes setups.

SKILLS

DevOps: Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, AWS (EC2, S3, IAM, ECR)
Programming: Bash, C, C++, SQL
Networking: IP, Subnetting, Routing, Monitoring & Logging
Tools: Git, VS Code, MySQL Workbench

DEVOPS PROJECTS

• DevOps 3 Tier Project: Implemented a CI/CD pipeline using Jenkins, Docker, and Docker Compose to build, push, and deploy the app with automated health checks and MySQL readiness handling.

• Docker Scout + Trivy + OWASP Project: Executed full container security analysis using Docker Scout, Trivy, and OWASP to detect and remediate image and dependency vulnerabilities.

• DevSecOps CI/CD Pipeline (Jenkins + SonarQube + OWASP + Trivy + Docker + EC2): Built an end-to-end DevSecOps pipeline with automated code quality checks, security scans, Docker image build/push, Trivy FS & image scanning, and EC2 deployment; optimized Docker builds and resolved SonarQube, OWASP, and Jenkins configuration issues.

• EC2 Observability Stack (Prometheus + Grafana + Alertmanager): Implemented full monitoring on an EC2 instance using Prometheus, Node Exporter, Grafana dashboards, and Alertmanager. Configured metric scraping, visualized system health, and set up Slack alerts (InstanceDown) with failure simulations to validate alert flow.

OTHER PROJECTS

• HackItSapiens Website – Managed 5000+ registrations.
• Aarohan Fest Website – 3000+ registrations for 35+ events.
• Corporate Biomass Website (Somani Enterprises)– Generated 15–20 weekly leads.
• Trading Institute Website (HVK Trades) – Built lead-generation platform.
• Bill Guard Electrical Website (BillGuard)– Built a product platform for ISO-certified PVC cables.

INTERNSHIPS

CynBit Technologies (Jun 2024–Jan 2025) – Built responsive websites, improved performance by 35%.
Perth Enterprises (Aug 2023–Oct 2023) – Developed UI components, improved UX by 25%.

EDUCATION

B.Tech CSE, Poornima College of Engineering (2021–2025) – CGPA: 8.1
Senior Secondary: 75.60% | Secondary: 80.14%

EXTRA CURRICULAR

Captain – Literary Club | Organizer – HackItSapiens, Aarohan | Led 20-member fest team | Winner – Aadhar Tech Fest