DEVANSHU SAINI

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[LinkedIn](#) | [GitHub](#) | [Docker Hub](#) | [Portfolio](#)

SUMMARY

DevOps Engineer with hands-on experience in CI/CD automation, cloud infrastructure, container orchestration, and security-focused pipelines. Skilled in Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, AWS (EC2, VPC, S3, IAM), and Linux. Built and deployed reliable pipelines, automated multi-environment deployments, implemented DevSecOps practices (SonarQube, Trivy, OWASP), and developed monitoring stacks using Prometheus–Grafana with alerting and incident simulation.

SKILLS

DevOps & Cloud: Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, AWS (EC2, VPC, S3, IAM, ECR, CloudWatch)
Automation Scripting & Programming: Bash, Cron Jobs, Python (basics), C++, SQL
Networking & Observability: IP & Subnetting, Routing, Load Balancer, Monitoring & Logging (Prometheus, Grafana), Security Groups
Tools & Platforms: Git & GitHub, VS Code, Linux Administration, Docker Hub, SonarQube, Trivy, OWASP Dependency check

DEVOPS PROJECTS

• **Multi-Cloud Failover Platform (AWS, GCP, Terraform, Observability):** Implemented automated cross-cloud failover between AWS and GCP using Route53 with RTO under 2 minutes, supported by real-time monitoring and visualization dashboards.

• **Zero-Downtime Deployment (Blue-Green + Canary):** Implemented Blue-Green and Canary deployments with Jenkins CI/CD, NGINX Ingress, automated health checks, traffic shifting, and rollback mechanisms.

• **GitOps-Based Kubernetes Deployment Platform (AWS EKS, ArgoCD, Docker, GitHub):** Implemented a GitOps-driven deployment model on Amazon EKS using ArgoCD, enabling automated synchronization, self-healing, and Git-based rollbacks for containerized applications.

• **CI/CD Pipeline for 3-Tier Application:** Built an automated CI/CD pipeline to build, test, and deploy a 3-tier application with service readiness checks, improving deployment speed by 70%.

• **Container Security Scanning (Docker Scout, Trivy, OWASP):** Performed container image and dependency vulnerability scanning using Docker Scout, Trivy, and OWASP tools, identifying and remediating security issues.

• **DevSecOps CI/CD Pipeline (Jenkins, SonarQube, OWASP, Trivy, Docker, EC2):** Designed a full DevSecOps pipeline integrating code quality analysis, security scanning, Docker image automation, and EC2 deployment, reducing security vulnerabilities by 50%.

• **AI-Powered Observability & Incident Response Platform:** Enhanced an EC2 observability stack with AI-based alert analysis, automated root-cause detection, and Slack-based incident reporting.

OTHER PROJECTS

• HackItSapiens and Aarohan Fest Website – Managed 5,500+ registrations for 38 events.
• Corporate Biomass Website ([Somani Enterprises](#))– Generated 15-20 weekly leads.
• Trading Institute Website ([HVK Trades](#)) – Built lead-generation platform.
• Bill Guard Electrical Website ([Bill Guard](#))– Built a product platform for ISO-certified PVC cables.

INTERNSHIPS

CynBit Technologies (May 2024–Oct 2025) – Built responsive websites, improving 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 (2024)