Deepak
Founding DevSecOps Engineer @QuantoByte
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Professional Summary

DevSecOps Engineer and Full-Stack Developer with hands-on experience in cloud platforms, CI/CD automation, infrastructure security, and modern web development. Skilled in AWS, Docker, Jenkins, Terraform, and monitoring tools, with a strong foundation in networking and cybersecurity. Experienced in building scalable, secure systems, automating deployments, and collaborating with teams to deliver reliable cloud-based solutions.

Skills

Programming & Scripting: Python, Bash, C, C++
Full Stack: React.js, TypeScript, JavaScript, Node.js, Express.js, MongoDB, HTML, CSS
Cloud Platforms: AWS (EC2, S3, Lambda, IAM), Google Cloud Platform, Oracle Cloud, Linode, Excloud, Expanse Host
Tools: Git, GitHub, Docker, Jenkins, Terraform, Ansible, Nginx, HAProxy, Prometheus, Grafana, Azure DevOps, VS Code, Vercel, Postman
Soft Skills: Team Leadership, Project Management, Mentoring, Initiative

Internship/Experience

Founding DevSecOps Engineer **Aug 2025 - June 2026**
SkyCodeHub Noida, India
- Led development and deployment of **secure, scalable** DevSecOps infrastructure for SkyCodeHub's cloud platform, integrating **automated CI/CD** with vulnerability scanning and security checks.
- Implemented robust **secrets management**, **IAM policy** enforcement, and hardened **container** and cloud environments to ensure compliance and reduce security risks.
- Built **monitoring** and **alerting** systems to track **performance, reliability,** and **security** posture across environments.
- Delivered secure cloud-native solutions and ensure best practices in **automation** and **incident response**.

Technical Executive **Sept 2025 - Sept 2026**
AWS Cloud Club Sharda University Greater Noida, India
- Developed and deployed **scalable** projects with **secure** architecture and **performance** optimization.
- Implemented **monitoring, automation,** and security measures for high **availability** and **reliability**.
- Collaborated with a team of students to deliver **cloud-based** solutions and **workshops**, enhancing club outreach and skill development.

Projects

SkyCodeHub (Platform & Infrastructure) | AWS, Docker, Jenkins, Terraform, Cloudflare **Aug 2025 - June 2026**
- Built and secured cloud-native infrastructure on **AWS** using **IAM** hardening, **Docker-based** deployments, and infrastructure as code with **Terraform**.
- Implemented automated **CI/CD pipelines** with **Jenkins** and **GitHub**, integrating monitoring with **Prometheus** and **Grafana** for high availability.
- Strengthened platform security and performance using **Cloudflare for DNS, SSL/TLS, DDoS** protection, and Web Application Firewall **(WAF).**

TAP (Training and Placement Portal) | React, TypeScript, Node.js, MongoDB **Nov 2025 - May 2026**
- Built a full-stack campus management platform to automate **onboarding** and **placement** workflows.
- Implemented secure authentication and **role-based access control** for multiple user roles.
- Improved operational **efficiency** by **40%** through workflow **automation** and optimized data handling.

PhishGuard | Python, Machine Learning **Nov 2025 - Feb 2026**
- Developed a **real-time phishing** detection system using **Random Forest** and **SVM** models with **96%** detection accuracy.
- Achieved **96%** detection accuracy with **browser extension** integration for real-world protection.
- Built browser extension integration to identify and block **malicious URLs** and **phishing** attempts and focused on automated **threat detection** and **security analytics** using data-driven models.

Certifications

- AWS Cloud Practitioner | Oracle Cloud Foundations | Cisco Certified Network Associate (CCNA) | GitHub Foundations
- ServiceNow Certified System Administrator | ServiceNow Certified Application Developer

Education

Sharda University **9.28 GPA** **2023 - Present**
Bachelor of Technology in Computer Science and Engineering, Greater Noida, India