

VINEETH K

DevSecOps Engineer | Security Automation | Application Security

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PROFESSIONAL SUMMARY

DevSecOps Engineer with 2+ years of experience integrating security practices into CI/CD pipelines and software delivery lifecycles. Skilled in SAST/DAST tool integration, vulnerability assessments, and secrets management. Experienced in automating security scans, triaging vulnerabilities, and collaborating with cross-functional teams to strengthen application security. Proven track record of reducing vulnerability backlogs by 60%, preventing CVEs in production, and driving security compliance across enterprise applications.

SKILLS

DevSecOps & Security	Application Security, SAST/DAST, Fortify, Vulnerability Assessment, VAPT, OWASP ZAP, WebInspect, Burp Suite, Keycloak, HashiCorp Vault
DevOps & Automation	Jenkins, CI/CD Pipelines, Shell Scripting (Bash), Python, Groovy, SVN, Git, GitLab, GitHub Actions, Maven
Infrastructure & Cloud	Linux Administration, Docker, Terraform, Azure
Supporting Tools	SonarQube, OAuth2/SAML, Web Proxy Tools, Java

EXPERIENCE

DevSecOps Engineer — (CI/CD & Security Automation)

June 2023 - April 2025

Tata Consultancy Services

Bhubaneswar, Odisha, India

- **CI/CD Security Integration:** Embedded Fortify SSC, SonarQube, OWASP ZAP, and WebInspect into Jenkins pipelines, reducing vulnerability backlog by 60%.
- **Custom Dependency Scanning:** Built a Jenkins-based script to detect outdated internal dependencies, blocking insecure builds and preventing 15+ CVEs from reaching production.
- **Manual Vulnerability Assessments:** Conducted DAST with Burp Suite and manual test cases to uncover logic flaws, input validation issues, and access control gaps beyond automation scope.
- **Secrets & Access Management:** Implemented HashiCorp Vault for dynamic secret injection and used Keycloak for identity federation (OAuth2 & SAML), removing hardcoded credentials.
- **Security Automation:** Developed Python & Shell scripts for automated scan execution, log parsing, and compliance report generation, reducing manual reporting effort by 50%.
- **Cross-Team Collaboration:** Partnered with developers and QA to triage vulnerabilities, enforce remediation SLAs, and improve secure feature delivery.
- **Leadership & Coordination:** Acted as interim lead, streamlining vulnerability reporting and coordinating actions across Dev, QA, and Security teams, ensuring 100% SLA compliance.

KEY IMPACT HIGHLIGHTS

- **Integrated Security Testing in CI/CD:** Standardized SAST/DAST stages across all enterprise pipelines, ensuring applications passed automated security checks pre-release.
- **Security Compliance Automation:** Built automated Jenkins jobs for vulnerability reporting, saving 10+ hours per week in manual effort and improving audit readiness.

- **Interim Security Leadership:** Coordinated vulnerability management across 3 enterprise applications, ensuring on-time releases with zero critical open vulnerabilities.

EDUCATION

Bachelor of Computer Science

APJ Abdul Kalam Technological University, Kerala

2018 - 2022

ADDITIONAL INFORMATION

- **Soft Skills:** Problem-Solving, Communication, Attention to Detail, Analytical Thinking, Teamwork, Ethical Mindset, Adaptability, Cross Functional Collaboration
- **Languages:** English, Malayalam, Hindi, Tamil