

PRASAD SHEKHAR NAIK

Kumta, Karnataka

☐ +91-9148831446 ☐ prasadsnaik18@gmail.com ☐ [LinkedIn](#) ☐ [GitHub](#)

PROFESSIONAL SUMMARY

DevSecOps Engineer with 3.5+ years of blended experience in Java/Spring Boot microservices and platform security automation. Currently working at Infosys with hands-on exposure in DAST/SAST scanning, CI/CD security, API onboarding to security dashboards, and DevOps tooling. Proficient in building secure deployment pipelines, container orchestration, vulnerability management, and cloud-native automation using AWS, Docker, Kubernetes, Terraform, and GitHub Actions. Adept at troubleshooting platform issues and enabling secure delivery for scalable microservices.

SKILLS

Languages & Backend: Java, Spring Boot, Spring Security, REST APIs, Maven

DevSecOps & Tools: Jenkins, GitHub Actions, Docker, Kubernetes, Helm, SonarQube, Fortify, 42Crunch, OWASP ZAP, GitLab CI/CD, Nexus, Artifactory

Cloud & Infra: AWS (EC2, ECS, ECR, IAM, S3, VPC, Route 53, Beanstalk), Terraform, Ansible

Databases: MySQL

Other: Jira, Postman, Agile, Git, Bitbucket, IntelliJ, VS Code, Eclipse

PROFESSIONAL EXPERIENCE

Infosys Ltd — Associate Consultant

Aug 2024 – Present

- Performed and automated **DAST scans** (OWASP ZAP) and integrated API definitions into **42Crunch dashboards** for API security monitoring.
- Identified and remediated vulnerabilities flagged by **Fortify**, **SonarQube**, and **42Crunch**, improving code quality and API security posture.
- Fixed SIT, UAT, and production issues related to business bugs, test failures, and performance bottlenecks.
- Added missing unit and integration test cases to improve **code coverage** and reduce technical debt.
- Onboarded APIs to **Apigee** and participated in **security reviews** and threat modeling discussions.
- Upgraded **Docker images** and resolved **pod failures**, **Jenkins pipeline issues**, and deployment errors.

- Contributed to platform stability by troubleshooting CI/CD workflows and collaborating with QA and security teams.

Virtusa — Associate Engineer
Dec 2021 – Aug 2024

- Developed secure REST APIs in Spring Boot with HMAC/RSA validation for payments.
 - Integrated third-party APIs (Trustly), implemented business logic and reusable service components.
 - Delivered deployments using EC2 and S3 with minimal downtime.
 - Participated in Agile ceremonies and production release cycles.
-

PROJECTS

1. CI/CD Automation on AWS ECS & ECR

Tools: Spring Boot, Docker, Jenkins, GitHub Actions, AWS ECS, ECR, EC2

- Built CI/CD pipeline automating build, test, image packaging, and blue-green ECS deployment.
- Integrated GitHub Actions and Jenkins to trigger pipeline stages with rollback support.
- Used ECR for container registry and EC2-based agents for secure build isolation.

2. GitOps Infra with Terraform, Kubernetes, and Helm

Tools: GitHub Actions, Terraform, Helm, SonarQube, AWS VPC, ECR, ECS

- Provisioned cloud infrastructure (ECS, IAM, ECR, VPC) using Terraform modules.
- Used Helm charts for microservice deployment onto ECS clusters.
- Implemented GitOps strategy with GitHub Actions + SonarQube for automated scans and secure release gates.

3. Cafe Management App

Tools: Spring Boot, Angular, Jenkins, MySQL, Docker, ECS

- Developed full-stack application with JWT authentication, CRUD operations, and admin dashboard.
- Deployed containerized app to AWS ECS with continuous delivery via Jenkins.

4. Microservices Architecture Demo

Tools: Spring Boot, Kafka, Docker Compose

- Designed modular Order, Product, and Inventory services.
 - Integrated Eureka for service discovery and Resilience4j for circuit breaking.
-

EDUCATION

Dr. Ambedkar Institute of Technology, Bengaluru

B.Tech in Electronics and Communication Engineering — **8.6 CGPA**

2017 – 2021

H.B Govt P.U College, Nellikeri, Kumta

Class 12 (PCMCs) — **88.8%**

2015 – 2017

CERTIFICATIONS

- Oracle Certified Associate, Java SE 8
- AWS Certified Developer – Associate
- DevOps Beginner to Advanced (Udemy)

Prasad Shekhar Naik