

HARIKRISHNA V SHETTY

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [Leetcode](#)

SKILLS

- **Proficient In:** Core Java, Spring boot, Maven, HTML/CSS/JavaScript, Angular, Rest API, GraphQL, PostgreSQL, Git, Junit, ISO8583. Data Structures & algorithm, Object Oriented Programming.
- **Familiar With:** Microservices, Docker, Kubernetes, Cards and Payments.

WORK EXPERIENCE

■ Sacumen Bengaluru | Dec 2023 - Present

Software Developer - JAVA

Sacumen is a niche domain player in building connectors to cyber security product based companies.

Project 1: Brinqa

Dec 2023 – Present

- Developed **7+** connectors integrating security management tools into Brinqa platform.
- Created approach documentation for tool integration.
- Utilized RestAPI and GraphQL endpoints for data extraction.
- Implemented various authentication methods (Basic, API Key, Token, OAuth).
- Employed pagination techniques(Page based and Cursor based) for efficient data retrieval.

Tools and Technologies: Core Java, Maven, Rest API, GraphQL, Jira, BitBucket.

■ Synechron Bengaluru | Aug 2021 - Dec 2023

Jr. Associate

Project 1: Paymitate – Inhouse Payment Simulator , Team Size – 4

Oct 2021 – Dec 2023

- Developed a user interactive web application with client-server architecture, encompassing modules for Acquirer, Issuer, User management, and Log and Report management.
- Implemented ISO8583 message framing for various schemes (Visa, MC, etc.) in the Acquirer module.
- Enhanced system performance significantly by transitioning from single-threaded TCP socket implementation to multithreaded, boosting throughput from **3 RPS** to **20 RPS**.
- Generated and stored request and response logs in the database.
- Established role-based user management functionality.
- Enhanced code quality using SonarQube and performed load testing using JMeter.
- Led the Paymitate POC activity with the client, successfully deploying the application in their highly secure banking environment.
- Migrated from Spring security 2.0 to Spring security 3.0 to mitigate the vulnerabilities impacting ongoing POC. Developed, tested and deployed the new release within **24 hrs**.
- Optimised reports api performance by **75%** by implementing pagination logic.
- Secured Docker images through vulnerability scanning (trivy) and mitigation.
- Gained proficiency in Kubernetes for deploying Docker images at the client's premises.

Tools and Technologies: Spring boot, Angular, PostgreSQL, Git, AWS EC-2 instance, Jenkins, Docker.

Project 2: PayDock

June 2022 – Aug 2022

- Developed a Visa Network Tokenization microservice using Spring Boot.
- Implemented the framing of VISA server request body, ensuring compliance with VISA requirements through client request mapping.
- Interacted with VISA APIs, including Merchant Onboarding and Provision Token API, and handled responses according to client specifications.
- Conducted JUnit integration testing for all APIs, achieving test coverage of **80%** or higher as per client demands.

Tools and Technologies: Java 8, Spring boot, Rest API, JSON.

EDUCATION

- **BE(ECE)** - JSSATE, Bengaluru - **8.1 CGPA** **2021**
- **12th** - Christ Junior College, Bengaluru - **89.50%** **2017**
- **10th** - Vivekananda School, Bengaluru - **97.44%** **2015**