

**EMPLOYMENT****Associate Software Engineer****Attria, a Synechron Company****August 2021 - Present****Paymitate – Inhouse Payment Simulator (Oct 2021 – Present)****Team Size: 4**

- Developed user interactive web application with client-server architecture (Acquirer, Issuer, User management, Log and Report management modules).
- Framing packed ISO8583 messages for different schemes (Visa, MC etc.) in Acquirer module.
- Issuer module receiving request from Acquirer via TCP socket, request validation as per scheme standards.
- Generating request and response logs and saving it in the database.
- Implemented Spring security using JWT authentication for all the modules.
- Implemented roles-based user management.
- Code quality enhancement using SonarQube and load testing using JMeter.
- Took the leadership of Paymitate POC activity with client and successfully deployed our application in the most secured client banking environment.
  - Building and scanning docker images for vulnerabilities(trivy) and mitigating.
  - Learnt Kubernetes for deploying docker images in client premises.
  - Successfully completed the POC of application to client on May 15<sup>th</sup>, 2023.

**Tools and Technologies:** Spring boot, Angular, PostgreSQL, Git, AWS EC-2 instance, Jenkins, Docker.**PayDock - (June 2022 – Aug 2022)**

- Worked on building a Visa Network Tokenization microservice using Spring Boot.
- Framing the VISA server request body as per visa requirements by mapping client request.
- Accessing VISA APIs (e.g., Merchant Onboarding, Provision Token API etc..) and response handling as per client requirements.
- Wrote Junit Integration test cases for all API to achieve 80% and above coverage as per client requirements.

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

- **Working Knowledge:** Java, Spring boot, HTML/CSS/JavaScript, PostgreSQL, Git, ISO8583.
- **Basic Knowledge:** Angular, Docker, Kubernetes, Cards and Payments.

**EDUCATION****Bengaluru, India****JSS Academy of Technical Education****2017 - 2021**

- Bachelor's degree in Electronics and Communication Engineering with 8.1 CGPA.

**SOFTWARE PROJECTS****Personal Website:** <https://harikrishnavshetty.netlify.app/>

- **Reddit Clone (2022).** Reddit clone built using Spring Boot, Spring Security, Spring Data JPA with MySQL, Spring MVC. The frontend is built using Angular.
- For more projects visit GitHub: <https://github.com/harikrishna8121999>