Bengaluru, India
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HARIKRISHNA V SHETTY

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EMPLOYMENT

Jr. Associate	Synechron(formerly Attra Infotech)	August 2021 - Present

Paymitate – Inhouse Payment Simulator (Oct 2021 – Present)   Team Size: 4

- 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.
- Handled TCP socket communication between Acquirer and Issuer modules, ensuring request validation adhering to scheme standards.
- Generated and stored request and response logs in the database.
- Implemented Spring Security with JWT authentication across all modules.
- 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.
- 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.

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.

SKILLS

- **Working Knowledge**: Java, Spring boot, HTML/CSS/JavaScript, PostgreSQL, Git, ISO8583.
- **Familiar with:** 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 front end is built using Angular.

- For more projects visit GitHub: https://github.com/harikrishna8121999