**HARIKRISHNA V SHETTY**

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[LinkedIn](https://www.linkedin.com/in/harikrishna-v-shetty-56b43215a/) | [GitHub](https://github.com/harikrishna8121999) | [Portfolio](https://harikrishnavshetty.netlify.app/)

**SKILLS**

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

**WORK EXPERIENCE**

**Jr. Associate** – *Synechron (Formerly Attra Infotech), Bengaluru* **Aug 2021 - Present**

**Project 1: MonitrOps – Server Monitoring Tool** **Sept 2023 – Present**

Team Size – 4

* Developed a comprehensive dashboard using Grafana for high-level server monitoring.
* Integrated Kapacitor with InfluxDB\_v1 to establish custom rules for diverse threshold alerts.
* Implemented Loki and Promtail for efficient log visualization within Grafana.
* Implemented Loki alerts to detect various types of log errors.

**Tools and Technologies**: Telegraf, InfluxDB, Grafana, Kapacitor, Loki, Promtail, Docker, Docker-compose.

**Project 2: Paymitate – Inhouse Payment Simulator** **Oct 2021 – Sept 2023**

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.

**Project 3: 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**

**JSS Academy of Technical Education, Bengaluru** **Aug 2021**

* Bachelor’s degree in Electronics and Communication Engineering with **8.1 CGPA**.

**SOFTWARE PROJECTS**

* **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>.

**CERTIFICATIONS**

* **AlgoExpert DSA -** [certificate.algoexpert.io/AlgoExpert Certificate AE-580fbf8c57](https://certificate.algoexpert.io/AlgoExpert%20Certificate%20AE-580fbf8c57) **May 2023**

Debugging, maintaining code, Software Development Life Cycle, Agile methodologies: CI/CD, Applicant Resiliency, Security, Front-end technologies, Cloud technologies, Apache Kafka, Microservices, Design patterns, Data structures and algorithms, SOLID principles, Object oriented programing, NoSQL, MongoDB, Multithreading, concurrency, Exception Handling, SCRUM, Communication, Azure, coding, Programming, Software engineering, System Design, LLD, HLD, System Architecture, Collaborative, Code Documentation, Eclipse, IntelliJ, Visual Studio Code, Hibernate, DevOps, full stack developer, react js, operating system, computer networks, Problem solving, Computer Science.