

About Me

Highly experienced software developer with a robust background spanning more than **7+ years** in the banking and payments industry. Proficient in developing applications, libraries, and architecting microservices.

Programming Java - Spring - Angular - NodeJs - Express

DevOps Docker - Kubernetes - Openshift - Bash - Gitlab Runner - CICD - Twistlock

Cloud/others AWS - PCF - JWT - SSO OpenID Connect - Split.io - ISO 8583 - Gradle - JMH

Experience

Senior Software Engineer



mastercard

2022 - present (2.1+ yrs)

- Currently, as part of **NEXUS** (new switch), managing multiple containers/projects, primarily focusing on
 - **Advice Manager**: Manages all tasks related to advice messages, including identifying transactions requiring advice generation, storing, and ensuring the guaranteed delivery of advice to customers.
 - **Anomaly Manager**: This component detects anomalies caused by 0644 event drops in the system and implements an automated recovery mechanism to resolve such incidents.
- Integrated **graceful shutdown** capabilities to prevent data loss during shutdown processes. Also improved the application's **deep health check** to assess the status of dependent frameworks thoroughly.
- Engaged in multiple POCs, integrating **Hikari pool** & and retry mechanisms, enhancing performance with pagination, Kafka offset, **partitioning**, and Event Framework features,
- Enhanced complex scheduling for efficient message retries across multiple instances, incorporating **logging** with MDC for improved tracking and debugging capabilities.

Software Analyst



2019 - 2022 (2.4 yrs)

- Heavily involved in frontend development, building new features and Angular components for a user-centric web application facilitating retirement and financial management. Moreover, I led the creation of a full-stack **web application** for internal users, offering simulation, interaction, and visualization of library details.
- I've engaged in integrating **AWS resources** (DynamoDB, S3, EC2), optimizing for elasticity, performance, and cost. My expertise extends to configuring CI/CD pipelines, **Docker** image creation, and **Kubernetes** or OpenShift deployments with **Twistlock** security integration.
- I played a key role in developing **RESTful APIs** and **Java libraries**, addressing various functionalities such as security, filters, interceptors, feature flags, and content handling.
- Specializing in extracting protected secrets, I took ownership of the **AWS secret management** library.

Associate Consultant



2016 - 2019 (3.5 yrs)

- Oversaw the development and management of a Java-based application designed for customer data management and developing efficient data storage solutions to enhance accessibility and security.
- Externalized configuration for **Microservices** with **Cloud Config** (Config Server) to enable the applications to run in multiple environments without any modification.
- Utilized the Spring Integration framework to streamline file processing from Unix systems within batch operations. Additionally, developed Microservices (**RESTful Web Services**) using Spring Boot, Spring Data JPA with Hibernate for online processing to onboard customers.
- Configured **Redis** key-value NoSQL cache for **RabbitMQ** message auditing, enhancing data handling.

Certification/Awards

- AWS Certified Developer Associate
- Focus on Customer (Dec 2023)

Education

- **Savitribai Phule Pune University** 2014
Bachelor of Engineering in Information Technology - 64.7%
- **Kendriya Vidyalaya Ganeshkhind** 2010
High School (12th Science) - 73.4%