

RAKESH PATIL

Software Engineer

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👤 [linkedin](#)

🔗 [GitHub](#)

A dedicated and results-driven software professional with experience in industry, specializing in Payment Domain backend systems and Banking/Fintech solutions.

Skills

- RESTful APIs, HTTP, Object Oriented Programming (OOPs), MVC, Scrum, Agile methodology & Microservices
- Java, JDBC, Hibernate, Maven, Liquibase, NoSQL, Spring Boot, Spring Batch, React.js, Node.js, Express.js, Mockito & Test Driven Development
- Git, GitHub, Amazon Web Services (AWS), Continuous Integration/Continuous Delivery (CI/CD), Docker & Jenkins

Experience

Software Engineer at Verifone India Technology Pvt. Ltd, Bangalore

NOV 2022 - Present

Component: TSS (Transaction Switching System) Description:

TSS is a payment gateway for Verifone android and legacy terminals used in Australia and New Zealand regions, which routes the transactions to card issuers for authorization and performs tasks like request validation, internode replication, transaction persistence, pushing the transactions to ecommerce portals and settlement.

Responsibilities:

- Led a team in the development of three projects - UPI payment Links (China Union Pay), TSB Debit Links and Logging service.
- Closely worked with AWS deployment of project to production with balancing load and handling related issues.
- Designed and implemented REST APIs to support different transaction types based on the bank's requirements.
- Pioneered ISO 8583 implementation in Payment Interface as well as in transaction settlement interface
- Implemented new features and functionalities for different banks following design specifications and coding standards to deliver high-quality code on time.
- Actively participated in code reviews regularly and scrutinized new code, assessed, and optimized existing functionality.
- Refactored existing codebase to improve code reliability, maintainability, and efficiency, enhancing the overall quality of gateway and facilitating future development efforts.
- Provided solutions to reported issues in end-to-end testing, addressing challenges, and optimizing performance.
- Developed and executed Junit and Mockito test cases for application components to maintain code coverage above 80%.
- Worked on production delivery critical tasks like release, tagging, and sonar scan quality issues fix.
- Actively participated in technical calls with bank's technical team to comprehend and address project requirements.
- Collaborated closely with cross-functional teams to coordinate project tasks and meet project milestones.

Self Projects

Insurance Portal [[GitHub](#)]

Led the development of a cross-platform financial insurance portal with back-end infrastructure implemented in two distinct technologies: Spring Boot and Node.js. Designed and developed the front-end using React.js, ensuring a seamless user experience. Leveraged MySQL for the database architecture.

Education

CDAC (PG-DAC - Advance Computing) | 77%
SunBeam Institute of Information Technology, Pune

MARCH 2022- OCT 2022

Bachelor of Engineering | 74%
Pune University, India

JUN 2014-SEP 2017