

MUKESH S

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Professional Summary

- Java Backend Developer with 3 years of experience designing and developing scalable, high-performance enterprise applications with a specialized focus on fintech solutions.
- Proficient in Spring Boot, Microservices, Hibernate, and RESTful APIs, with hands-on expertise in PostgreSQL, MongoDB, Redis, and Docker.
- Implemented Loan Origination Systems for a leading bank and developed a Distributor Portal System for a top Asset Management Company (AMC).
- Successfully integrated critical financial features including Video KYC, E-Mandate, Penny Drop, and Reverse Penny Drop verification processes.

Work Experience

Staff Platform Engineer **Johnson Controls India** **Pune, Maharashtra**
Open Blue Bridge (Edge Computing) **Jul 2023 – Present**

- Currently working in enhancing the usability of the application.
- Improved performance of some heavily used API's to boost the overall applications usability.
- Added functionality to group Edge Servers for different customers and migrations between them.

Software Engineer 2 **Bajaj Finserv Direct Limited** **Pune, Maharashtra**
Mandate System **Dec 2023 – Jun 2025**

- Integrated an E-mandate service provider named Nupay into existing financial application, enabling automated recurring payment processing for customers.
- Implementing secure API communication protocols between the core banking system and E-Mandate service, ensuring seamless data transmission and compliance with financial regulations.
- Collaborated with cross-functional teams to align E-Mandate integration with business requirements while maintaining system security and performance standards.
- Implemented callback and webhook handling mechanisms to ensure real-time status updates and response tracking for mandate transactions.

Payment System

- Integrated Kotak Mahindra Bank's(KMB) Penny Drop and Reverse Penny Drop APIs to implement real-time bank account verification functionality.
- Developed secure transaction processing workflows for both verifications, ensuring accurate customer account validation.
- Collaborated with KMB's technical team to resolve integration challenges and implement security best practices for financial data transmission.

Software Engineer 1 **Bajaj Finserv Direct Limited** **Pune, Maharashtra**
Video KYC System **Jun 2023 – Dec 2023**

- Built a microservice from scratch to connect with the Video KYC vendor named IDFY, making customer verification faster and easier.
- Created RESTful APIs that handle the full Video KYC process from start to finish, meeting all banking rules and security needs.
- Set up automatic storage of KYC reports in AWS S3, allowing users to download verification documents with just one click.

Software Engineer Intern **Bajaj Finserv Direct Limited** **Pune, Maharashtra**
Redis-based caching solution **Jan 2023 – Jun 2023**

- Designed and implemented a caching mechanism using Redis to reduce concurrent DB calls.
- Designed a cache strategy using composite keys to ensure data consistency and fast retrieval, enhancing application scalability.
- Improved application performance by minimising redundant database queries, resulting in a 40% increase in overall API speed and responsiveness.

Education

Vellore Institute of Technology

B. Tech in Computer Science and Engineering (**CGPA:** 8.7/10)

Vellore, Tamil Nadu

Jun 2019 – Jun 2023

Skills

Proficient Skills: Java, Spring boot, PostgreSQL, JUnit, Mockito, Redis, AWS.

Familiar Skills: MySQL, MongoDB, Docker, Kubernetes, Jenkins.