IMRAN SADIK MOLLA

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⬡ https://github.com/imransadikmolla/

🔗 https://imransadikmolla.github.io/portfolio/

Profile Summary

Software Engineer with **3.7 years** of experience building scalable backend systems using **Java, Spring Boot**, SQL, and **NoSQL** databases. Skilled in microservices, RESTful APIs, and optimizing workflows for efficiency and reliability. Passionate about delivering innovative, high-performance software aligned with business goals.

Skills

Programming Languages: Java, SQL

Frameworks & Libraries: Spring Boot

Development Tools: Git, SVN, Maven, Jenkins, Docker

Databases & ORM: MySQL,MS SQL Server, MongoDB, JPA

Cloud Services: AWS(EC2, S3, Lambda, Secrets Manager)

Professional Experience

2025/10 – Present
Kolkata, India

Senior Software Engineer
Ospyn Technologies Limited
- Developed secure, **low-code document workflows** on **OspynDocs** for a **prestigious Indian government bank**, integrating MFA, audit trails, and real-time analytics to ensure compliance and enable SLA-driven monitoring.
- Integrated OspynDocs with core banking systems using REST APIs and batch jobs to automate document synchronization and streamline end-to-end workflow execution.
- Built microservices for high-volume bulk uploads and implemented rule-based document classification, improving processing throughput by 3x and boosting search accuracy by 60%.

2024/02 – 2025/10
Kolkata, India

Software Engineer
Indus Net Technologies Ltd.
- Built a secure **Digital PIN** system for banking apps, enabling PIN viewing with **encryption** and **MFA** and protecting user safety.
- Designed and implemented a solution to generate **Fiserv Mastercard** settlement files in line sequence format, enabling automated reconciliation of **high-volume transactions** and reducing manual effort by over **80%**.
- Developed an **Open Banking API** with **OAuth2** authentication, enabling secure third-party banking transactions.
- Built a **B2B microservices** solution for bulk file processing, reducing processing time by **50%** and supporting 5+ file formats.

2022/08 – 2024/02
Gurugram, India

Associate Engineer
Nagarro Software Pvt. Ltd.
- Designed and developed a scalable backend for Loan and Credit Card modules in a **B2C digital banking product** using Java, Spring Boot, and Hibernate, supporting customer onboarding, credit card management, and account tracking, benefiting thousands of users.

- Enabled secure external integrations via RESTful APIs, facilitating real-time communication and enhancing user reliability.
- Transformed a **monolithic application** into a **microservices-based** architecture, leveraging containerization and API-based communication to optimize performance, resulting in a **30%** reduction in latency and improved overall system efficiency.

2022/02 – 2022/08
Gurugram, India

Trainee

Nagarro Software Pvt. Ltd.
- Contributed to converting legacy systems from **Temenos T24 TAFC to R22** (Java), enhancing core banking capabilities in Account and Customer modules.
- Delivered key modules on time, meeting project deadlines and collaborating closely with stakeholders to align with requirements.

Education

2018/08 – 2022/06
Purulia, West Bengal, India

Bachelor of Technology in Computer Science & Engineering

Ramkrishna Mahato Government Engineering College
CGPA- 9.21

2017/03 – 2018/05
South 24 Parganas, West Bengal, India

Higher Secondary

Sishu Bikash Academy
Grade- A+

Certificates

- Java Masterclass 2025: 130+ Hours of Expert Lessons (Udemy) ⧉
- AWS Fundamentals: Going Cloud-Native (Coursera) ⧉

Achievements

Rising Star and Pat on the back award from Indus Net Technologies.

Exemplary Performer in Nagarro Temenos Banking Software Training.

1000+ Problem solved on Leetcode. ⧉

3000+ Coding Score on GeekforGeeks. ⧉

5-Star Rating in Problem-Solving, C++, and Java on HackerRank. ⧉

Course Work

Data Structures & Algorithms, Operating System, Computer Network, Database Management System

Interests

- Hedge Fund Management
- Investment Banking

Soft Skills

Problem-Solving, Critical Thinking, Leadership, Creativity, Interpersonal