

RAKESH GHOSH

+91-7001074104 ♦ Kolkata, India

rakeshacot@gmail.com ♦ [linkedin.com/in/ghoshrakesh626](https://www.linkedin.com/in/ghoshrakesh626) ♦ www.rakeshghosh.co.in ♦ github.com/rak626

SUMMARY

A software developer with 4 years of experience specialising in Java, Spring Boot, and microservices, with a proven ability to boost system performance and develop key features for payment systems and insurance modules.

WORK EXPERIENCE (4 years)

RS Software

Jan 2024 - Jun 2025

Software Developer - Payabbhi

Kolkata, India

- Contributed to Payabbhi's payment system features (Auth, Sale, Refund, Void) integrated with card networks like VISA, Mastercard, etc, and processors such as TSYS and WorldPay, supporting up to 10M+ transactions per second.
- Developed a virtual terminal portal and Hosted Payment Page to enable secure card transactions and oversee user payment sessions, utilising Redis TTL for an efficient and smooth payment experience.
- Implemented features like Instalment, Recurring Payments, and Multi-shipping, for both customers & merchants, enhancing feature adoption for Card Present (CP) and Card Not Present (CNP) situations.
- Improved Batch Settlement (Clearing) system by 40% of its previous version, supports up to 1500 transactions per batch by introducing a clearance table & refined recursion-based function.
- Developed a Kafka-based Notification Service handling 1M+ monthly events of sending email, sms for payment receipts, reports, orders, etc.
- Introduced a Quartz-based job scheduler to centrally manage over 50 recurring tasks centrally, reducing manual job failures by 90%.

Cognizant

Sep 2021 - Jul 2023

Programmer Analyst - AIG Insurance Europe

Kolkata, India

- Migrated key insurance modules, such as booking and binding, into Spring Boot, boosting system performance by 25% and enhancing user experience.
- Developed scalable microservices and UI features using REST APIs, Spring Boot, and JavaScript, reducing claim delays by 15% and ensuring regulatory compliance.
- Achieved a 95%+ sprint delivery rate in an onsite-offshore model, modernising legacy systems and cutting maintenance costs by 18%.

Cognizant

Mar 2021 - Aug 2021

Internship - MainSpring

Kolkata, India

- Played a key role in Cognizant's Internal Framework Hub (MainSpring) by developing and enhancing features, optimising workflows, and improving system efficiency to support internal business processes and client-facing applications.

EDUCATION

Bachelor of Computer Science & Engineering

2017 - 2021

BP Poddar Institute of Management & Technology

DGPA: 8.47/10

PROJECTS

Pressio (freelance): Designed and implemented a robust order management system for Inktown, streamlining the complete order lifecycle, decreasing manual order processing by 70%, and providing seamless tracking for customers using NextJs, Spring Boot, etc. ([link](#))

SliceSprint : real-time pizza delivery application built with Node.js, Express, and Socket.io. Features include live order tracking, real-time updates, and a user-friendly interface for seamless ordering experience.([try it here](#))

SKILLS

Technical Skills

DataBase/MessageQueue

C/C++, Java, JavaScript, Python(basic)

PostgreSQL, MySQL, Kafka, Redis

Soft Skills

Leadership, Communication, Problem-Solving, Mentoring, Work Ethics, Time Management

Frameworks & Tools

Spring/Spring Boot, React, Next.js, Tailwind CSS, Git/GitHub, Maven, Jenkins, Docker, Jira, IntelliJ

Language

English(Professional), Hindi(speak), Bengali(native)