

# Rakesh Ghosh

[rakeshacot@gmail.com](mailto:rakeshacot@gmail.com) | +91 700-107-4104

## EXPERIENCE

3 years 6 months

### RS SOFTWARE | SOFTWARE DEVELOPER

Jan 2024 – Present | Kolkata, India

- Designed and developed a virtual terminal portal to handle credit and debit card transactions, which led to smooth payment environment from customer perspective.
- Contributed in a payment gateway integrated with card networks like VISA, Mastercard, etc, and processors such as TSYS and WorldPay etc., supporting up to **10 million** transactions per second.
- Added support for customer and merchant-facing features like Installment, Recurring Payments, and Multi-shipping, boosting feature adoption for both Card Present (CP) & Card Not Present (CNP) scenarios.
- Created a Jasper-based reporting system that improved PDF generation speed by **30%**.
- Developed a Kafka-based Notification Service handling **1M+** monthly events.
- Introduced a Quartz-based job scheduler to centrally manage over **50** recurring tasks, reducing manual job failures by **90%**.
- Improved wallet and customer allocation modules, leading to a **2x** faster repeat transaction experience.

### COGNIZANT | PROGRAMMER ANALYST

Mar 2021 – Jul 2023 | Kolkata, India

- Developed a merchant onboarding portal from scratch using Spring Boot and Thymeleaf, streamlining onboarding and increasing client delivery speed by **50%**.
- Created a reusable Spring Boot + Rest Assured automation framework saving over **1500 hours**.
- Led a team of 3 developers, maintained **90%+** sprint velocity, and handled offshore communication.

## PROJECTS

### PRESSIO | ORDER & DELIVERY TRACKING PLATFORM

Freelance Project

Deployed 2024 | Vercel & AWS EC2 ([link](#))

- Built a printing press order management system using Java, Spring Boot, React, and Next.js.
- Enabled timeline tracking with SMS notifications, improving customer engagement.
- Reduce late deliveries through better order handling workflows.

### QUILL QUEST | BLOG PLATFORM

Personal Project ([link](#))

- Created a secure blog app with Spring Security, JWT, and MySQL, featuring full CRUD and comment functionality.
- Integrated Swagger for API documentation to streamline development and testing.

## EDUCATION

### BP PODDAR INSTITUTE OF MANAGEMENT AND TECHNOLOGY

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Aug 2017 – Jul 2021 | Kolkata, India

DGPA: 8.47 / 10.0

## SKILLS

### PROGRAMMING LANGUAGE

Java • C++ • C • JavaScript

### FRAMEWORKS & TOOLS

Spring Boot •  
React • Next.js • Tailwind CSS  
Git/GitHub • Maven • Jenkins • Docker  
Swagger • IntelliJ

### DATABASES

MySQL • PostgreSQL • MongoDB •  
Kafka • Redis

## ACHIEVEMENTS

- Achieved a LeetCode contest rating of **1562 (Top 10%)**.
- Earned HackerRank certifications in Basic and Intermediate Problem-Solving.

## LINKS

Github: [github.com/rak626](https://github.com/rak626)

LinkedIn: [linkedin.com/in/ghoshrakesh626](https://linkedin.com/in/ghoshrakesh626)