

# Mrinal Chanda

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[github.com/termx-ironman](https://github.com/termx-ironman)

## Professional Summary

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Outcome-driven **Java Developer** with **4 years of experience at TCS**, specializing in the **TCS BaNCS Insurance suite** for core insurance and financial applications. Skilled in **Java, Spring Boot, RESTful APIs, and MySQL**, with hands-on experience in **policy management, claims processing, and premium computation**. Proven ability to **optimize system performance**, deliver **scalable solutions**, and resolve production issues within **agile environments**. Passionate about **clean code, continuous improvement**, and modern development practices that enhance business efficiency.

## Technical Summary

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**Languages:** Java, SQL (MySQL), Object-Oriented Programming, Multithreading & Concurrency, Microservices.

**Technical Skills:** Spring Framework, Spring Boot, Spring Data JPA, RESTful APIs, Maven, SLF4J.

**Tools:** Git, Postman, JIRA, IntelliJ IDEA, Eclipse

## Work Experience

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**Java Developer**, Tata Consultancy Services - Kolkata Nov 2021 – Present

- Developed and maintained **REST APIs** for critical insurance modules (Claims Processing and Agency Management).
- Improved **policy and claims processing speed by 30%** by optimizing database queries and enabling **parallel batch execution** in the TCS BaNCS Insurance application.
- **Translated business requirements** into functional code by reviewing solution documents, including Enterprise Entity Definitions (EED) and Entity Relationships (ER) documents.
- Collaborated with onshore and cross-functional teams to deliver secure, high-performance insurance solutions.
- Managed the full defect lifecycle, resolving defects across key phases: System Testing (ST) defects (2021-2022), Business Acceptance Testing (BAT) defects (2022-2023), Production defects (Oct 2023 – Present).

**Java Developer**, Globsyn IT Services Private Limited – Remote Jan 2021 – Mar 2021

**Apprentice**, Globsyn IT Services Private Limited – Remote Jan 2020 – Dec 2020

- Improved payroll processing performance by **30%** through query optimization and batch parallelization.
- Developed a **REST API-based payroll report module** used by finance teams across multiple clients.

## Education

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**Siliguri Institute of Technology**, B.Tech in Electrical Engineering Aug 2016 – July 2020

- CGPA: 7.53/10.0

## Projects

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### Uber Review Service

<https://shorturl.at/hKXrs>

- Created a scalable review service for ride-sharing platforms that maintains rating integrity, manages user-driver feedback relationships, and provides reliable API endpoints for client applications.
- Tech Stack Used: Java, Spring Boot, REST APIs, MySQL, JPA, Maven.

### Dynamic Query Builder

<https://shorturl.at/WG44P>

- Developed a dynamic SQL query builder that enables programmatic construction of complex database queries.
- Tech Stack Used: Java.

## Awards

- [Star of the Month](#) - 1x (June 2024)
  - Acknowledged for implementing key APIs for **M&G plc**, replicating solutions from the **LBG client's Claims Module** project.
- [MandG BTS Burndown Taskforce - Appreciation Certificate](#) (July 2024)
  - Recognized for resolving **54+ high-priority production defects** within two weeks in the **Claims Module**.