

Souvik Mishra

Maliara, Bankura, West Bengal, PIN-722142

DOB: 20/04/2003

bitmishra00054@gmail.com — +91 9382398038

LinkedIn — GitHub

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CAREER OBJECTIVE

Aspiring Software Engineer with a specialized focus on the Java ecosystem, transitioning from architecting desktop-based Management Systems (Swing/JDBC) to developing high-performance web services using Spring Boot and RESTful APIs. Experienced in engineering full-stack solutions, ranging from complex MDI desktop interfaces with automated logic to AI-integrated backend systems utilizing Spring Data JPA and Hibernate. Passionate about modernizing software architectures and eager to apply a deep understanding of core Java and relational databases to scalable, cloud-ready enterprise environments

EDUCATION

B.Tech in CSE (CGPA: 7.41 up to 7th sem)	RCC Institute of Information Technology	2026
Diploma in CST (OGPA: 8.7, 79.6%)	Dr. Meghnad Saha Institute of Technology	2023
Higher Secondary (Science) (80.2%)	Maliara R.N. High School	2020
Secondary (10th) (74.28%)	Maliara R.N. High School	2018

TECHNICAL SKILLS

- **Languages:** Java, Python, SQL, C.
- **Frameworks & Libraries:** Spring Boot, Spring Data JPA, Hibernate, Java Swing, Java Collection Framework, JDBC, FlatLaf.
- **Web/API Tools:** REST API, Postman, Maven, Spring Annotations, JSON.
- **Databases:** MySQL, PostgreSQL, MongoDB Atlas.
- **Tools & Software:** IntelliJ IDEA, VS Code, Git, GitHub.

PROJECTS

AI-Powered ATS (CV Scorer) — *Java, Spring Boot, AI Integration* Link [GitHub](#)

- Developed an AI-driven system to analyze and score CVs based on specific Job Descriptions (JD).
- Implemented gap analysis to identify missing skills and provide suggestions for resume optimization.

Library Management System — *Java Swing, MySQL, JDBC, FlatLaf* GitHub

- Developed a desktop-based application for automating library operations, including book inventory and circulation workflows.
- Engineered a secure MDI interface with full CRUD capabilities and integrated modules for automated fine calculation.

Quiz Application — *Java, Spring Boot, Spring Data JPA, Hibernate* GitHub

- Built a backend of quiz engine focusing on efficient data persistence and RESTful service architecture.

University Management System — *Java Swing, MySQL, JDBC, FlatLaf* GitHub

- Developed a comprehensive application for managing student/faculty data and academic records.
- Engineered a secure UI with MDI, full CRUD capabilities, and modules for leave and fee management.

To-Do List App — *Python, Tkinter* GitHub

- Built a desktop app to manage daily tasks with features to add, view, delete, and store tasks locally.

CERTIFICATES & ACHIEVEMENTS

Introduction to Java as a Second Language,
Writing Java Application Code,
The Java Language,
Google Ads for Beginners,
Python for Data Science, AI & Development,
Generative AI (Microsoft/LinkedIn).

ADDITIONAL INFORMATION

Languages: Bengali (Native), English (Fluent), Hindi (Fluent), Japanese(learning).

Interests: Exploring new technologies, Graphic Design, Bike riding, Video games.