Rajarshi Goswami

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EDUCATION

B.P. Poddar Institute of Management and Technology — Kolkata, WB
B.Tech in Information Technology — *Aug. 2020 – July 2024*

B.D. Memorial International — Kolkata, WB
Higher Secondary in Science (PCMB) — *Apr. 2019 – Mar. 2020*

B.D. Memorial International — Kolkata, WB
Secondary — *Apr. 2017 – Mar. 2018*

EXPERIENCE

Systems Engineer — Jan 2025 – Present
Tata Consultancy Services (TCS) — *Kolkata, WB*

- Joined TCS as a fresher on 16th January 2025 and completed Initial Learning Program (ILP) in February.
- Working as a developer on enterprise applications, focusing on scalable and maintainable solutions.
- Collaborated with cross-functional teams for software development and deployment tasks.
- Gained hands-on experience in full-stack development and agile methodologies.

Software Engineer Trainee — Mar 2024 – Jul 2024
Kovair Software Private Limited (KSPL) — *Kolkata, WB*

- Developed multiple websites assigned as tasks, using **HTML**, **CSS**, and **JavaScript**.
- Utilized **jQuery** for DOM manipulation to enhance interactivity in websites.
- Gained experience in **React** for building dynamic, component-based front-end applications.
- Learned **PL/SQL** and completed assignments on data manipulation and stored procedures in **SQL Server**.
- Received performance evaluations on tasks, improving web development and database management skills.

PROJECTS

Library Management System | *Spring Boot, React, MySQL, Spring Security, Axios, Docker* — Oct 2024 – Present

- Developed a full-stack Library Management System with a **Spring Boot** backend and **React** frontend, managing entities: books, issues, and members with CRUD operations.
- Integrated **Spring Security** with two user profiles (user and admin), granting the admin additional privileges.
- Connected to a **MySQL** database via **Spring Data JPA**, using **Lombok** to reduce boilerplate code.
- Implemented **Bootstrap** for responsive styling and **Axios** for handling API requests between the frontend and backend.
- Containerized both the backend and database using **Docker** and orchestrated the deployment with **Docker Compose**, ensuring consistent environments across all stages of development and production.
- Streamlined the development process by integrating Docker to run the entire stack (backend, frontend, and MySQL database) in isolated containers, simplifying setup and deployment.

Employee Management System (Console-Based) | *JPA, Hibernate, MySQL, Maven* — Sep 2024 – Oct 2024

- Built a console-based application for employee management, featuring CRUD operations for employee data.
- Utilized **JPA** and **Hibernate** for object-relational mapping and database interactions.
- Connected to a **MySQL** database for persistent data storage.
- Used **Maven** for project management and dependency management.

TECHNICAL SKILLS

Languages: Java, JavaScript
Frameworks: Spring Boot, Hibernate, React.js
Developer Tools: Git & GitHub, Docker, PowerShell
Libraries: Spring Data JPA, JDBC
Other Skills: RESTful Application Development, MySQL, Time management, Software Development Life Cycle, Computer Networking