

SAURYADEEP ROY

☎ [+91-7044624591](tel:+91-7044624591) ✉ f48.sauryadeep@gmail.com [in linkedin.com/in/sauryadeep-roy](https://www.linkedin.com/in/sauryadeep-roy) github.com/Sauryadeep200

Profile Summary

Versatile Software Engineer skilled in building scalable web applications using Java, Spring Boot, and ReactJS. Expertise in performance optimization, user experience enhancement, and developing robust, innovative solutions. Seeking opportunities in collaborative environments to deliver impactful and user-focused applications.

Work Experience

Alumnus Software Limited

Kolkata, West Bengal

Software Engineer

Aug 2023 – Present

- Created a lifecycle management application, resulting in a **30% improvement in operational efficiency**.
- Streamlined feature delivery using Scrum processes, leading to a **20% increase in team productivity**.
- Developed modular, reusable components with Redux and Material-UI, reducing code complexity by **25%**.
- Enhanced API reliability through Axios, ensuring **95% uptime** for improved user satisfaction.
- Implemented WebSocket integration for real-time updates, reducing latency by **40%**.
- Boosted application security with JWT authentication, ensuring compliance with industry standards.
- Optimized APIs, achieving a **20% reduction in response times** and enhanced application performance.
- Introduced caching strategies that reduced server load by **35%** during peak usage.
- Designed a JSON-based sidebar, improving navigation and user experience.
- Added advanced table features like sorting and pagination, augmenting data management by **15%**.

Alumnus Software Limited

Kolkata, West Bengal

Intern

Mar 2023 – Jul 2023

- Collaborated with teams to deliver web applications, reducing rework by **20%** through efficient planning.
- Built REST APIs for seamless CRUD operations, optimizing backend system performance by **25%**.
- Supported backend workflows with robust relational database schema designs, enhancing data integrity.
- Designed a React web app for API consumption, increasing user engagement by **15%**.
- Implemented secure login/logout with session tracking, ensuring **99% uptime**.

Projects

Netflix-GPT | React, JavaScript, Redux, Firebase, Tailwind CSS

- Created a Netflix-like app using React, Firebase, and GPT, boosting user retention by **30%**.
- Integrated TMDB API for dynamic movie browsing and trailer previews, resulting in **20% faster content delivery**.
- Optimized app performance using Redux and custom hooks, elevating load times by **25%**.
- Deployed to production, offering a **100% responsive** user experience across devices.

Technical Skills

Languages: Java, C, C++, JavaScript

Web Technologies: RESTful APIs, HTML, CSS, Bootstrap, JWT, JSON, ReactJS, Material-UI, Jest

Databases: SQL, MySQL, MSSQL

Frameworks: Spring Boot, Microservices, React, Selenium, JUnit, JDBC, Maven

Tools: Git, Postman, GitHub, Codebeamer, Jira, Eclipse

Skills: Problem-Solving, Software Development, Testing, Collaboration, Version Control

Education

Institute of Engineering and Management

Kolkata, West Bengal

B.Tech in Information Technology

2019 – 2023

- CGPA: 9.18

Achievements

- Secured rank in GATE CS 2023.
- Ranked in the top 2.5% on LeetCode, showcasing advanced problem-solving skills.

Coding Platforms

- [!\[\]\(de690d836d9598277157612c72e08388_img.jpg\) Leetcode](#)
- [!\[\]\(2a9303eff4645773fa5ccf9efa4bcad1_img.jpg\) GeeksforGeeks](#)