

Rohit Kumar Singh

Full Stack Java Developer

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EDUCATION

Bengal College of Engineering and Technology

Bachelor of Technology in Computer Science and Engineering

- CGPA: 8.27/10.00

October 2020 - June 2024

Durgapur, West Bengal

TECHNICAL SKILLS

Programming Skills: Java, JavaScript, C++

Fundamentals: Data Structures and Algorithms, OOPS, DBMS, Computer Networks, REST APIs

Backend: Spring Boot, Hibernate, JDBC, JUnit, Spring Security, Maven, ASP .NET

Frontend: React.js, Next.js, Tailwind CSS, Bootstrap, npm, HTML, CSS

Database and Tools: MySQL, PostgreSQL, Oracle DB, Firebase, Git, GitHub, Docker, Postman, Cloudflare, Clerk

Soft Skills: Report Building, Strong Stakeholder Management, People Management, Excellent Communication

Languages: English, Hindi, Bengali

EXPERIENCE

Associate Software Engineer

December 2024 – Present

Kolkata, West Bengal

Tech Mahindra

- Completed ELTP and service line training in Java full-stack, React.js, cloud computing, and testing.
- Built responsive UIs using React.js, managing state with hooks and integrating REST APIs.
- Worked with tools like Git, Jenkins, JIRA, and Selenium for CI/CD and test automation.

Software Engineer Trainee

September 2024 – December 2024

Durgapur, West Bengal

EBest Solutions Pvt. Ltd.

- Built web apps using React.js, Bootstrap, and REST APIs, improving UI performance by 30%.
- Developed scalable backends with Java, Spring Boot, and PostgreSQL for efficient data handling.
- Delivered features in Agile sprints, enhancing delivery timelines by 15%.

PROJECTS

Notion-AI Clone | Next.js, Firebase, Cloudflare Workers, Clerk Auth

- Built a full-stack Notion-style AI note-taking platform with real-time collaboration, rich-text editing, and AI-powered content generation using Next.js and OpenAI API.
- Integrated Firebase for scalable data storage and synchronization, and used Cloudflare Workers for serverless backend logic and efficient request handling.
- Implemented secure Clerk authentication with role-based access control, ensuring seamless user login, session management, and collaborative document editing.

Magnet | Java, Spring Boot, Maven, React, Redux, MySQL, Docker

- Engineered a full-stack social media platform as part of the final-year college project.
- Built features for real-time messaging, live notifications, and post creation, enhancing user interaction.

School Management System | Java, Spring Boot, JUnit, Spring Security, React, MySQL, Docker

- Created a digital system for managing attendance, student results, and fee payments for educational institutions.
- Automated MySQL queries and managed complex table relationships using Hibernate and JPA.
- Conducted automated unit testing using JUnit and Mockito, ensuring code reliability and maintainability.

CERTIFICATIONS AND RESPONSIBILITIES

Microsoft Certified: Azure AI Engineer Associate [LINK](#)

September 2025 – September 2026

Campus Ambassador, IIT Delhi

September 2023 – October 2023

Campus Ambassador, NIT, Durgapur

2020 – 2021