

Rohit Kumar Singh

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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++, 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, Bootstrap, npm, HTML, CSS

Database and Developer Tools: MySQL, PostgreSQL, Git, GitHub, Docker, Postman API, VS Code, IntelliJ

EXPERIENCE

EBest Solutions Pvt. Lmt.

Software Engineer Trainee (Full Time)

September 2024 – Present

Durgapur

- Delivered robust front-end experiences using React.js and Bootstrap; developed efficient, scalable backend solutions with Java, Spring Boot, and PostgreSQL.
- Actively collaborated with UI/UX designers and stakeholders in agile environments to translate requirements into high-performing, user-centric websites.
- Contributed to the successful delivery of large-scale projects, ensuring code quality, performance optimization, and responsive design across diverse devices.
- Engaged in project discussions and requirements gathering, ensuring alignment between technical execution and business needs.

Flexon Technology Limited

Software Engineer Trainee

June 2024 – August 2024

Durgapur, West Bengal

- Developed a full-stack CRM application using ASP.NET, C#, MySQL for business use
- Assessed, troubleshooted and resolved problems/bugs brought by existing clients
- Communicated with managers and senior developers to perform maintenance on running web applications

Zidio Development

Web Development Intern

February 2024 – March 2024

Remote

- Developed frontend for a web application using React, Redux and npm to track live location
- Designed and developed beautiful and responsive UI to interact with Node, Express backend
- Explored ways to visualize GitHub collaboration in a classroom setting

PROJECTS

Rentify | Java, Spring Boot, React, MySQL, Docker

- Developed a web application for house renting using Spring Boot serving a REST API with React as the frontend
- Implemented JWT user authentication to get data from user's repositories
- Visualized MySQL data using Hibernate and JDBC for property listing, browsing and filtering functionalities
- Used role-based authentication for seamless interaction between buyers and sellers

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

- Developed a cutting-edge social media platform during college final year
- Ensured user-profile authentication and high data security through robust encryption techniques
- Implemented real-time messaging, live notification, and creating new posts for interaction
- Collaborated with a cross-functional team to design a responsive UI, perform debugging, and add updates

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

- Developed a school web application for recording attendance, uploading result and paying student fees
- Visualized MySQL data, automated queries and table relationship management using Hibernate and JPA
- Implemented role based authentication and authorization using JWT for enhanced security
- Implemented automated unit testing using JUnit and Mockito Java libraries