Rohit Kumar Singh

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EDUCATION

Bengal College of Engineering and Technology — October 2020 - June 2024
Bachelor of Technology in Computer Science and Engineering — *Durgapur, West Bengal*
- CGPA: 8.27/10.00

Sri Chaitanya Techno School — June 2018 - March 2020
Higher Education — *Visakhapatnam, Andhra Pradesh*

TECHNICAL SKILLS

Programming Skills: Java, C/C++, JavaScript, C#
Fundamentals: Data Structures and Algorithms, OOPS, DBMS, Computer Networks, REST APIs
Frameworks and Libraries: Spring Boot, Hibernate, JDBC, JUnit, Spring Security, Bootstrap, React.js, ASP .NET
Developer Tools: Docker, Maven, npm, Postman API, HTML, CSS, VS Code
Database and Version Control: MySQL, OracleDB, PostgreSQL, GIT, GitHub

EXPERIENCE

Flexon Technology Limited — June 2024 – August 2024
Software Engineer Trainee — *Durgapur, West Bengal*
- Assess and troubleshoot problems/bugs brought by clients
- Communicate with managers to perform maintenance on running web applications
- Developed a full-stack CRM application using ASP.NET, C#, MySQL for business use

Zidio Development — February 2024 – March 2024
Web Development Intern — *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

POSITIONS OF RESPONSIBILITY

Indian Institute of Technology, Delhi — September 2023 – October 2023
Campus Ambassador
- Social Medial Marketing and Network Building

National Institute of Technology, Durgapur — 2020 – 2021
Campus Ambassador
- Event Management and Coordination