

ROSHNI KUMARI

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EDUCATION

Birla Institute of Technology, Mesra
Master of Computer Applications (MCA) - CGPA: 7.10

Aug 2023 – May 2025
Ranchi, Jharkhand

St. Xavier's College, Ranchi
Bachelor of Computer Applications (BCA) - CGPA: 7.03

Jul 2020 – Jun 2023
Ranchi, Jharkhand

SKILLS

Languages: Java (Data Structures and Algorithms), C++.
Web Technologies: HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, React, Express, Node.js, REST API, Middlewares.
Databases: SQL, MongoDB.
Cloud: AWS.
Operating Systems: Linux, Windows.
Software Development: Strong understanding of SDLC, debugging, troubleshooting, and enhancement within existing software architecture.
Collaboration and Communication: Excellent teamwork, collaboration, and communication skills.

PROJECTS

Zerodha: Full Stack Stock Trading Platform | *HTML, CSS, JavaScript, MERN Stack* | **Live Demo**

- Developed a full-stack trading platform with secure user authentication, redirecting users to a personalized dashboard post-login/signup.
- Designed modular components for favorite stocks tracking, trade records, holdings, and position management.
- Integrated real-time stock pricing, funds management, and a knowledge base for user support.
- Implemented scalable architecture using MongoDB, Express, React, and Node.js (MERN Stack).

WanderLust | *HTML, CSS, JavaScript, Node.js, MongoDB* | **Live Demo**

- On this website, users can efficiently search for and explore hotels in specific states or countries. They can access comprehensive descriptions, pricing details, and geographical information, and conveniently view the hotel's location on an interactive map. Additionally, users have the capability to add new listings.

MCA Record Maintenance | Group project | *HTML, CSS, JavaScript, Node.js, Firebase* | **Live Demo**

- Engineered a robust web application for managing MCA student records, integrating advanced search functionality by name, roll number, and skills. Leveraged Node.js and Firebase to enhance performance, ensuring efficient data retrieval and seamless access for students and faculty. Optimized the system for scalability and user experience, reducing information retrieval time significantly.

EXPERIENCE

Web Development Intern
Central Coalfields Limited (CCL)

Mar 2023 – Apr 2023
Ranchi, Jharkhand

- Developed a web platform showcasing makeup products using HTML, CSS, and JavaScript.

Web Development Intern
Tech Alpha

Mar 2024 – Apr 2024
Virtual Internship

- Completed virtual internship program focused on web development at Tech Alpha Company.

CERTIFICATIONS

Data Structures and Algorithms in Java (Apna College) - Developed a comprehensive understanding of Java-based data structures and algorithms, with a strong emphasis on efficient problem-solving techniques. Gained the ability to optimize code for performance and scalability through practical applications.

Web Development (Apna College) - Gained expertise in full-stack development using the MERN stack, successfully delivering dynamic front-end interfaces and robust back-end systems through major projects.