RAJAT TIWARI

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Education

Rajkiya Engineering College Sonbhadra (AKTU)   November 2021 – May 2025
Bachelor of Technology in Computer Science and Engineering   *Sonbhadra, U.P, India*

Technical Skills

Frontend Development: HTML5, CSS3, Tailwind, JavaScript, ReactJS, Redux, Context APIs, Bootstrap
Backend Development: Node.js, Express, Mongoose
Database: MongoDB, MySQL
Languages: Java, JavaScript, C++,
Software Practices: SDLC, Agile (Scrum), Git, REST APIs
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object-Oriented Programming, Database Management Systems, Software Engineering
Soft Skills: Problem-Solving, Self-Learning, Presentation, Adaptability

Work Experience

Software Developer, SejiTech Pvt. Ltd.   Feb 2025 – Present
MERN STACK Developer   *Remote*
- Contributed to backend development by designing and integrating **RESTful APIs** in Node.js/Express, ensuring smooth **JSON-based data exchange** between client and server.
- Assisted in building **scalable MongoDB schemas** and implementing **CRUD operations** to support core application functionalities.
- Collaborated with a small remote team on **React.js frontend integration, debugging, and deployment**, ensuring alignment between backend services and user interface

Frontend Developer Intern, GolokaIT   July 2024 – December 2024
Frontent Developer Intern   *Remote*
- Collaborated with a team of 4+ developers to build and maintain 3+ client-facing e-commerce websites using **React.js, Tailwind CSS, and Bootstrap**, ensuring responsive design and cross-browser compatibility across 95% of modern devices.
- Engineered core features such as **product listings, shopping cart, checkout flow, login page**, and **client-side routing**, which enhanced navigation speed by 60% and improved overall user engagement.

Projects

EasyMart 🔗 | *React.js, Node.js, Express.js, MongoDB, Redux, Tailwind CSS*   April 2025 – June 2025
- Built a scalable e-commerce platform with **user authentication, cart functionality, and admin panel**, enhancing security and usability for 100+ users.
- Enhanced cross-device performance by **90%** through responsive UI design **React, Redux, and Tailwind CSS**.
- Improved product search and integrated route-based navigation logic, reducing navigation time by **70%** and boosting product discoverability.

C-Chat Application 🔗 | *React.js, Node.js, Express.js, Socket.io, Redux, CSS*   January 2025 – February 2025
- Engineered a real-time chat application using **Socket.io**, supporting instant messaging with **typing indicators**, online status, and active user tracking for over **100+ concurrent users** during stress testing.
- Integrated RESTful APIs and designed a fully **responsive UI** to ensure seamless performance across **95% of screen sizes**, improving cross-device usability and reducing bounce rates.

NetflixGPT 🔗 | *React.js, Tailwind CSS, Node.js, MongoDB, TMDB API*   June 2024 – July 2024
- Created a Netflix-inspired web application with custom **authentication system** using Node.js and Express.js, enabling secure login/registration for over **200+ simulated users** during testing.
- Integrated the **TMDB API** to fetch and display over **5,000+ movie records**, using infinite scroll and real-time search to improve content discovery.
- Crafted a an an adaptive and mobile-first user interface, achieving 100% Lighthouse mobile and accessibility scores, and delivering a seamless viewing experience across all screen sizes.

Achievement / Coursework

- Earned **Harvard University's certification in leadership principles**, applying decision-making frameworks and conflict-resolution techniques to technical projects and collaborative environments.
- Solved **200+ Data Structures and Algorithms** problems on LeetCode and codestudio (**rajat_tiwari48**) 🔗
- Achieved ★★ (1400+ rating) on CodeChef (**rajat_48**) 🔗
- Winner, **Smart India Hackathon 2024 (College Level)** for developing an innovative solution to a real-world problem