TARUN RAJPUT

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Skills

Languages: C++, JavaScript ,React, Redux Toolkit, HTML5, CSS3, Tailwind CSS, React Router, Axios, RESTful APIs, AWS (EC2 & S3),

Tools: Git & GitHub, Postman, VSCode , Cursor

Education

Medi-Caps University   **Indore**

B.Tech in Computer Science and Engineering   *August 2021 – May 2025*

- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Software Engineering, Cloud Computing, Cloud Security, Internet and Web Technology, Computer System Architecture, Discrete Mathematics, Internet of Things.

Experience

Full Stack Developer Intern   **Gurgaon (On-site)**

Aether AI   *April – August 2025*

- Developed and enhanced interactive user interfaces for analytics dashboards and client portals using **React.js**.
- Integrated and optimized **RESTful API** calls to deliver real-time analytics and live data synchronization.
- Implemented secure authentication and route protection with **JWT**-based client-side flows.
- Built responsive, scalable, and cross-browser-compatible frontend components for seamless user experiences.
- Focused on UI performance optimization and dynamic data visualization for improved user engagement.

Software Trainee   **Gwalior (On-site)**

SNS System   *September 2025 – Present*

- Working as a **Software Trainee** on the **OpenEMR** healthcare project, focusing on developing and optimizing frontend interfaces using **React.js**.
- Collaborating with the backend team to enhance existing modules and implement new features using **PHP** and **MySQL**.
- Developing and integrating custom **RESTful APIs** to improve data exchange and overall application performance.
- Actively contributing to debugging, testing, and deployment processes within an agile development environment.

Personal Projects

StudyNotion – E-Learning Platform

- As the lead **Frontend Developer** in a team project, I built the entire user interface and client-side functionality for a responsive e-learning platform.
- Developed a dynamic and responsive frontend using **React**, managing complex application state with **Redux Toolkit**.
- Built pixel-perfect, reusable components with **Tailwind CSS**, implementing features like course carousels, modals, and user dashboards.
- Consumed **RESTful APIs** to fetch and display course data, manage user progress, and handle content uploads via Cloudinary on the client side.
- **Tech:** React.js, Redux Toolkit, Tailwind CSS, Axios, React Router.

EmployeeTaskManagement

- Built a React-based task management app with role-based access control for Admins and Employees.
- Integrated Keycloak for user management, token validation & secure auth flows.
- Enabled admins to manage tasks (create, assign, update, monitor) and employees to track progress by updating status and marking completion.
- Used React Context API and React Router for scalable state management and smooth client-side navigation.
- **Tech:** React.js.

Paste Application

- Developed a Paste Application using React and Local Storage, implementing efficient note creation, editing, deletion, and one-click copying for seamless content management.
- Designed and implemented a user-friendly interface optimized for performance, responsiveness, and cross-device compatibility to enhance overall usability.
- Implemented create, edit, and delete functionality to enable efficient note management and improve user productivity.
- Enabled one-click note copying for fast and seamless content sharing.
- **Tech:** React.js