

Rajneesh Rajak

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EDUCATION

- **Shri Ram Institute of Technology, Jabalpur** 2020-2024
B.Tech, Computer Science and Engineering CGPA: 8.10
- **Chaudhary Mother Care H.S. School, Jabalpur** 2019-2020
M.P. Board Percentage: 67.2%
- **Royal Senior Secondary School, Jabalpur** 2010-2017
CBSE CGPA: 8.0

EXPERIENCE

TVM Private Limited Company — During my internship at TVM Private Limited, I developed and optimized backend REST APIs for a Salesman Management Application using Node.js, TypeScript, Express, and MongoDB. I worked closely with clients to understand their requirements and delivered backend features, APIs, and access controls accordingly. I implemented role-based access (Super Admin, Admin, Salesman) to streamline operations and integrated the backend with a Flutter mobile app for smooth real-time data synchronization. Additionally, I improved MongoDB query efficiency through indexing and schema enhancements and tested all APIs with Postman to ensure stability and reliable performance.

PERSONAL PROJECTS

• Animated Website with React and GSAP

React, GSAP, TailwindCSS, Responsive Design

—I built a fully responsive and visually engaging website using React Hooks such as `useState`, `useEffect`, and `useRef` to manage interactivity and animations efficiently. Leveraging the Context API, I maintained global state across multiple components for smooth data flow. The project used GSAP ScrollTrigger to implement dynamic, scroll-based animations and transitions that elevate the overall user experience. Each section was optimized for performance, responsiveness, and visual consistency across devices.

• Nike Website

React, Redux Toolkit, TailwindCSS, React Router DOM, Spring Boot, Spring Security (JWT), MongoDB, REST APIs.

—I built a full-stack Nike-inspired eCommerce application using React, Redux Toolkit, and Tailwind CSS on the frontend, fully integrated with a Spring Boot backend. The frontend includes a modern, responsive UI with global state management for authentication, products, cart, and orders, along with reusable components and optimized updates using React hooks. On the backend, I implemented a complete eCommerce architecture with JWT-based authentication, role-based access (Admin, Seller, User), product and category management, cart and order handling, and a dummy payment gateway connected to a Payment model. The system follows clean Controller–Service–Repository layering and uses a database for secure and persistent storage. This project demonstrates my ability to build a real-world full-stack application with scalable backend logic and smooth, seamless frontend–backend integration.

• TastyOrder – Responsive Food Ordering System

ReactJS, Vite, TailwindCSS, Redux Toolkit

—I created a food ordering web application with dynamic cart functionality, interactive listings, and seamless navigation using React Router DOM. The application enables users to browse food items, add or remove them from the cart, and view real-time updates using React Hooks like `useState` and `useEffect`. I implemented a Redux Toolkit store to manage global state for the menu and cart, ensuring smooth synchronization across components. The UI was built with Tailwind CSS for responsive layouts and clean styling, offering users an engaging and intuitive experience across devices.

TECHNICAL SKILLS

Languages: Java, C++, HTML, CSS, JavaScript, SQL, Spring Framework, Spring Boot, Node.js, Express.js, GSAP, Next.js

Frameworks: React, TailwindCSS, Redux Toolkit, Context API

Tools: Git, GitHub, Vite, DBMS, maven

CS Fundamentals: DSA, OOPs, DBMS

Soft Skills: Teamwork, Leadership, Problem Solving

POSITIONS OF RESPONSIBILITY

- Class Representative, CSE
- Volunteer Head in Tech Fest

ACCOMPLISHMENTS

- 3 Star Rating in HackerRank
- Team Lead, Training and Placement Cell
- Codeforces: 1128 Max Rating, 153 Problems Solved
- CodeChef: 1623 Max Rating, 3 Star