

# Rajneesh Rajak

 +91-7247359578 |  rajneeshrajak317@gmail.com |  GitHub |  LinkedIn |  Portfolio

## EDUCATION

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| • <b>Shri Ram Institute of Technology, Jabalpur</b><br><i>B.Tech, Computer Science and Engineering</i> | <i>2020-2024</i><br>CGPA: 8.10        |
| • <b>Chaudhary Mother Care H.S. School, Jabalpur</b><br><i>M.P. Board</i>                              | <i>2019-2020</i><br>Percentage: 67.2% |
| • <b>Royal Senior Secondary School, Jabalpur</b><br><i>CBSE</i>  | <i>2010-2017</i><br>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) and integrated the backend with a Flutter mobile app for real-time data synchronization. I also improved MongoDB query performance using indexing and schema optimizations and tested APIs using Postman.

## PERSONAL PROJECTS

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| • <b>Animated Website with React and GSAP</b><br><i>React, GSAP, TailwindCSS, Responsive Design</i> | <i>Live Demo</i> |
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- 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.
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| • <b>Nike Website (Full-Stack eCommerce)</b><br><i>React, Redux Toolkit, TailwindCSS, Spring Boot, JWT, MongoDB</i> |  |
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- 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
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| • <b>TastyOrder – Food Ordering System</b><br><i>React, Vite, TailwindCSS, Redux Toolkit</i> |  |
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- 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++, JavaScript, HTML, CSS, SQL

**Frameworks:** React, TailwindCSS, Redux Toolkit, Context API, Spring Boot, Node.js, Express.js, GSAP, Next.js

**Tools:** Git, GitHub, Vite, Maven, DBMS

**CS Fundamentals:** DSA, OOPs, DBMS

**Soft Skills:** Teamwork, Leadership, Problem Solving

## POSITIONS OF RESPONSIBILITY

- Class Representative, CSE
- Volunteer Head, Tech Fest

## ACCOMPLISHMENTS

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