

VIJAY PRATAP SINGH JADON

Full Stack Developer

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Profile Summary

Passionate Full Stack Developer with hands-on expertise in **React.js**, **Node.js**, **Express.js**, **JavaScript**, **Java**, and **MongoDB**, specializing in building scalable, high-performance web applications. Proficient in modern development practices including **RESTful API** design and pixel-perfect responsive UI development using **Tailwind CSS**.

Projects

E-Commerce Platform | [GitHub](#) | [View](#) | React.js, Node.js, MongoDB, Tailwind CSS, Razorpay **Mar 2025**

- Built a modern e-commerce platform with **React.js** frontend, **Node.js/Express.js** backend, and **MongoDB database**, featuring a responsive UI designed with **Tailwind CSS**.
- Engineered secure authentication using **JWT** with a dual-token system that includes short-lived access tokens and long-lived refresh tokens, stored in **HTTP-only cookies**, to enhance security and provide a seamless user experience.
- Designed a role-based access system, enabling user-specific functionality and an admin dashboard for product management and analytics visualization.
- Integrated **Razorpay** payment gateway to ensure secure and smooth transaction processing, alongside dynamic coupon validation and generation for enhanced shopping features.
- Built a robust and maintainable backend architecture with a modular **MVC**-inspired design, **RESTful API** endpoints, and efficient **MongoDB** database interaction for scalability and high performance.

Real-Time Chat Application | [GitHub](#) | [View](#) | React.js, Node.js, MongoDB, Tailwind CSS, Socket.io **Mar 2025**

- Engineered a real-time chat platform with secure **JWT** and **Bcrypt.js** authentication mechanisms.
- Developed **100%** responsive design with **Tailwind CSS** optimized for both mobile and desktop devices.
- Enabled real-time communication for multiple simultaneous users via **Socket.io**.
- Optimized **MongoDB** database to manage user profiles with efficient query performance.
- Achieved exceptional backend uptime through scalable **Node.js** and **Express.js** architecture.

Social Media Platform | [GitHub](#) | [View](#) | React.js, Node.js, MongoDB, TanStack Query, Tailwind CSS, JWT **Feb 2025**

- Built a social media platform with post creation, profile management, user connections, and real-time updates.
- Developed mobile-first design with responsive UI components using **Tailwind CSS**, optimized for all device types.
- Implemented secure **JWT** authentication with **bcrypt.js** password encryption for user accounts.
- Created dynamic post interactions including likes, comments, follow features, and real-time notifications.
- Significantly improved data load times using **TanStack Query** while ensuring robust system reliability with **Node.js**.

Recipe Finder | [GitHub](#) | [View](#) | React.js, Tailwind CSS **December 2024**

- Developed a responsive recipe discovery web app using **React.js** and **Tailwind CSS**, integrated with TheMealDB API to enable dynamic search and display of **100+** meal recipes across multiple devices.
- Enhanced user experience with features like **local storage**-based favorites management, interactive recipe cards, and adaptive design for cross-device compatibility.

Technical Skills

Programming Languages: JavaScript, Java, HTML, CSS

Frontend: React.js, Redux, Context API, Tailwind CSS

Backend & Database: Node.js, Express.js, Socket.io, MongoDB, Firebase, MVC Architecture

Additional Skills & Tools: DSA, OOP, Git, GitHub, Postman, VS Code

Soft Skills: Effective communication, Teamwork, Analytical Thinking, Problem Solving, Learning Agility.

Education

Jiwaji University (CGPA: 8.49/10) (First Division with Distinction)

Bachelor of Science

2021 – 2024

Gwalior, MP

Certifications / Trainings

Coding Ninjas

Oct 2023 – Feb 2025

Full Stack Web Development : [Backend](#) | [Frontend](#) | [React](#) | [Data Structures](#)