

Prateek Rawat

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SUMMARY

Aspiring Software Development Engineer (Backend / Full Stack) with hands-on experience in full-stack web development. Skilled in building scalable RESTful APIs, implementing JWT-based authentication, and integrating third-party services such as Stripe and OpenAI APIs. Strong foundation in Java, Data Structures and Algorithms, and backend system design with a focus on performance, security, and reliability.

TECHNICAL SKILLS

Languages: C, Java, Python, JavaScript, TypeScript, SQL

Frameworks: React.js, Node.js, Express.js, Tailwind CSS

Databases: MongoDB, MySQL

Tools & Platforms: Git, GitHub, RESTful APIs, API Development, JWT Authentication

Core CS: Data Structures and Algorithms, Object-Oriented Programming, DBMS

PROJECTS

Full Stack E-Commerce Platform (*MongoDB, Express.js, React, Node.js, JWT*)

- Engineered a scalable MERN-based e-commerce platform supporting product listings, cart management, and secure checkout.
- Implemented RESTful APIs with Node.js and Express.js using JWT authentication and MongoDB schema design.
- Integrated Stripe payment gateway to enable secure online transactions.
- Optimized API response times and ensured production-ready deployment using Docker.

AI Chatbot SaaS

(*MongoDB, Express.js, React, Node.js, TypeScript, JWT, Material UI, OpenAI API*)

- Architected a full-stack AI chatbot application using React (Vite + TypeScript) and Node.js/Express.
- Implemented JWT-based authentication with HTTP-only cookies and protected routes.
- Integrated OpenAI API for real-time chat completions and conversation persistence in MongoDB.
- Designed RESTful APIs for user and chat session management in a scalable SaaS architecture.

DOCS Mini App (*ReactJS, JavaScript, CSS*)

Nov 2025

GitHub Repository

- Built a component-driven documentation application using React with efficient state management.
- Implemented drag-and-drop and floating UI components to enhance user interactivity.
- Optimized frontend architecture using reusable components and responsive design principles.

EDUCATION

KIET Group of Institutions, Ghaziabad

2023 - Present

B.Tech in Computer Science and Engineering (Artificial Intelligence), CGPA: 7.80

National Public School, Ghaziabad

2022-2023

Secondary Education, CBSE Board - 93.7%

CERTIFICATIONS

Node.js Certification (Scrimba / Coursera) – Backend development, RESTful APIs, Express.js, authentication, and middleware.

JavaScript Certification (Meta – Coursera) – Core JavaScript, ES6+, DOM manipulation, and web development fundamentals.

Express.js Certification (Scrimba) – Node.js backend development, routing, middleware, and REST API architecture.

React Basics Certification (Meta) – Component-based UI development, hooks, state management, and responsive design.

MongoDB University Certification – CRUD operations, schema design, indexing, and document-oriented databases.