

# 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.