

MINAAM AHMAD

Full-Stack Developer

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PROFESSIONAL SUMMARY

Final-year Computer Science student and Full-Stack Developer specialising in the MERN stack, with hands-on experience building production-grade web applications featuring REST APIs, real-time communication, authentication systems, and responsive UIs. Actively seeking a full-stack or backend-focused internship to contribute immediately, learn from senior engineers, and grow within a collaborative team.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3

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

Backend: Node.js, Express.js, REST API Design, Socket.io, JWT Authentication

Databases: MongoDB (Atlas), PostgreSQL

Tools & DevOps: Git/GitHub, Postman, Docker, Render, Vercel

TECHNICAL PROJECTS

Prime Booking — Multi-Vendor Hotel Booking Platform

Final Year Project

MERN Stack · Socket.io · Auth0 / JWT · Tailwind CSS

- Architected a full-stack multi-vendor platform with Role-Based Access Control (RBAC) across Guest, Hotel Owner, and Admin roles — enforced at both API and UI layers.
- Implemented Google OAuth via Auth0 alongside JWT-based session management for secure, seamless authentication.
- Built real-time guest-management chat and booking notifications using Socket.io, maintaining persistent connections across 3 concurrent user roles.
- Designed a MongoDB Atlas schema with 5 entities supporting dynamic availability queries and booking history.

Secure Expense Tracker

React · Node.js · Express · JWT · MongoDB

- Built a personal finance tool with JWT authentication and protected API routes ensuring per-user data isolation.
- Implemented full CRUD for expense entries with category-based filtering and client-side state management via React Hooks.
- Designed RESTful backend controllers with input validation and error handling for production-ready API reliability.

Master-Mart E-Commerce Platform

MongoDB · Express · React · Node.js (MERN)

- Engineered a complete Cart-to-Checkout workflow with session persistence across browser refreshes.
- Implemented advanced product filtering using global state management via Context API and Redux.

Smart Recipe Finder

React.js · Third-Party REST APIs · CSS3

- Integrated a third-party food API for real-time recipe results based on user-supplied ingredients.
- Managed asynchronous data fetching and loading states with `useEffect` and `useState` hooks for a smooth UX.

EDUCATION

BS in Computer Science — The Islamia University of Bahawalpur (IUB)

Expected June 2026

Relevant Coursework: Data Structures & Algorithms, OOP, Database Management Systems, Software Engineering, Operating Systems