A Ajzal Muhammed

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SKILLS

Languages:	JavaScript, TypeScript, C, Python
Technologies:	Node.js, Express.js, REST APIs, HTML, CSS, Bootstrap, React, TailwindCSS, Next.js, MongoDB, PostgreSQL, Firebase, Redux, Socket.IO, WebRTC, AWS (EC2), VS Code, Postman, Git, GitHub, Figma, Canva, JWT, Razorpay, Cloudinary, Nodemailer, Auth.js, Firebase Auth, Multer, Zustand, ZOD
Concepts:	MVC (Model-View-Controller), Data Structures and Algorithms
Soft Skills:	Communication, Team Collaboration, Attention to Detail

EDUCATION

MERN Stack Development   2023–Present
Bootcamp   *Brototype*
— **Program Overview:** Self-learning platform where industry experts conduct weekly reviews, assign and review projects.

Higher Secondary   2021–2023
Computer Science   *Kendriya Vidyalaya*
— **Key Topics Covered:** Computer Systems, Operating Systems, Python Programming, Networking Fundamentals, Data Structures (Stack & Queue), Database Management

PROJECTS

Snipp - Next.js Self Blog App (Live Link)   Source Code

- Developed a personal blog application using **Next.js** as a fullstack framework for both frontend and backend.
- Implemented user authentication using social accounts (Google, GitHub) and email/password with **Auth.js**.
- Created functionalities for viewing posts, with admin capabilities to add, delete, and manage posts and users.
- Enabled admin to promote users to admin status, manage user roles, and ensure secure access control.

heeder - E-commerce Application (Live Link)   Source Code

- Developed e-commerce for audio products with **ExpressJS**, **NodeJS**, **EJS** as View Engine and **MongoDB** as Database.
- Implemented Email **OTP** authentication for user registration using **Nodemailer**.
- Integrated Payment gateway using **Razorpay**.
- Integrated functionalities including **Wishlist**, **Shopping cart**, **Coupon management**, **Offer Management**, **Order Management** and **Product return**.

Bello - MERN Chat App (Live Link)   Source Code

- Implemented **JWT** for secure authentication and **Socket.io** for real-time messaging and user status tracking.
- Utilized **Zustand** for global state management, ensuring efficient and secure communication across the application.

BargainBuddy - Amazon Price Tracker (Live Link)   Source Code

- Developed a **Next.js** based Amazon price tracker, utilizing web scraping to extract product details.
- Integrated cron jobs for periodic product tracking and incorporated **Nodemailer** for email notifications of price drops.

CERTIFICATIONS

Back End Development and APIs – FreeCodeCamp   **March 2024**

- Gained expertise in back-end development with Node.js and npm.
- Developed various API projects using the Express framework, MongoDB, and Mongoose library.

Using MongoDB with Node.js – MongoDB University   **January 2024**

- Mastered MongoDB integration into NodeJS applications.
- Acquired skills in connecting applications, performing CRUD operations, and building aggregations.