

Aman Papaney

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Summary

Aspiring Full Stack Engineer skilled in HTML, CSS, JavaScript, React, and Node.js. Experienced in building web applications through hands-on projects. Eager to contribute to innovative solutions and grow within a dynamic team.

Skills

Languages: HTML / CSS, JavaScript, C++ , Python

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

Databases : MongoDB, MySQL

Developer Tools : Github, Postman, Netlify, VS Code

Data Structure and Algorithm

Projects

Blog App | MongoDB, Expressjs, Reactjs, Nodejs | Code

- Developed a **RESTful API** with Express.js for managing **CRUD** operations for blog posts.
- Implemented Google OAuth2 for **user authentication**, enhancing login convenience.
- Created reusable components in the frontend using React.js for a **modular codebase**.
- Utilized MongoDB for flexible schema management and designed **pagination** and **filtering** features to improve user experience.

NutriVerse | MongoDB, Expressjs, Reactjs, Nodejs | Code

- Developed a robust RESTful API to provide a list of food items and facilitate tracking.
- Implemented user authentication using **JSON Web Tokens** and **bcrypt** to ensure secure access.
- Enhanced performance by employing a **rate limiting** mechanism through middleware.
- Designed a flexible MongoDB schema to efficiently store and retrieve food item data.
- Conducted robust error handling to gracefully manage exceptions and deliver error messages to users.

ChatRoom | Node.js, Socket.io, Web Sockets | Code

- Implemented **Socket.io** to enable real-time, bi-directional communication between users.
- Utilized **WebSockets** for low-latency messaging, ensuring instant message delivery without requiring page refreshes.
- Integrated a feature for **custom room IDs**, allowing users to create and join chat rooms with unique identifiers.
- Enhanced user control and flexibility within the application through these functionalities.

Education

ABES Institute Of Technology,

2021 – 2025

- B. Tech. in Computer Science (Artificial Intelligence)

Vivekanand International Sr. Sec. School, Delhi,

2020 – 2021

- Higher Secondary Education