Shikhar Singh

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SUMMARY

Dynamic Full Stack Developer with a strong background in MERN stack development. Currently pursuing B.Tech in Electronics Engineering, focusing on both front-end and back-end technologies. Proficient in building responsive web applications using React, Node.js, Express, and MongoDB. Skilled in developing efficient, scalable code, ensuring cross-browser compatibility, and optimizing performance for enhanced user experiences.

EDUCATION

B.Tech - Electronics Engineering **2021-2025**

Kanpur, Uttar Pradesh

SKILLS

- HTML
- CSS
- TypeScript
- PostgreSQL
- MongoDB
- React.js
- REST API
- Recoil
- Tailwind CSS
- Next.js
- DSA
- Prisma

PROJECTS

Keeper | Express, MongoDb, Node.js, React.js **2024**

- Created a robust note-taking web application from scratch using the MERN stack, which includes MongoDB, Express.js, Node.js, and React. Utilized Mongoose library for seamless interaction with the MongoDB database, ensuring efficient data handling and storage.
- Implemented JSON Web Token (JWT) authentication to secure user sessions and authenticate API requests. JWTs were used to encode user information and validate user identity on subsequent requests, thereby enhancing the security of the application.
- Developed the frontend using React, responsive and intuitive UI components that allowed users to create, read, update, and delete notes seamlessly.

PresencePro | PostgreSQL, Express.js, React.js, Node.js **2024**

- Developed a modern, responsive attendance system using React (TypeScript) and Tailwind CSS, backed by Node.js (Express) and PostgreSQL.
- Integrated real-time hardware interaction with ESP32 via HTTP APIs, enabling subject-wise biometric attendance and live device monitoring.
- Designed secure admin and student portals with dynamic timetables and robust authentication.

CERTIFICATIONS

- **The Complete 2024 Web Development Bootcamp** - Udemy
- **Learn C++ Programming -Beginner to Advance- Deep Dive in C++** - Udemy
- **Mastering Data Structures and Algorithms using C and C++** - Udemy