Shreyansh Yadav

+91 8726909122 | shreyanshy06@gmail.com
LinkedIn | GitHub | LeetCode

Summary

Aspiring **Full-Stack Developer** with expertise in both **front-end** and **back-end** development, specializing in the **MERN stack** (MongoDB, Express.js, React, Node.js). Proficient in **programming** languages such as **Java**, **Python**, and **BASIC**, with a strong focus on **best practices** in **coding** and **software** development. Skilled in **collaborative** environments, to effectively **collaborate** with cross-functional teams. Adept at solving complex problems in **fast-paced** settings.

Education

Ajay Kumar Garg Engineering College, Ghaziabad, IN
Bachelor of Technology - Computer Science and Engineering (2022 - 2026)

Technical Skills

- **Languages:** Java, Python, SQL, HTML, CSS, JavaScript
- **Frameworks & Databases:** React.js, Tailwind CSS, Material-UI, Express.js, Node.js, MySQL, MongoDB
- **Tools & Technologies:** VS Code, Git/GitHub, RESTful APIs, WebSockets, Cloudinary
- **Coursework:** Data Structures and Algorithms, Database Management Systems, Computer Networks, Machine Learning

Projects

PinShare – Interactive Map Marker Platform

GitHub Repo

Tech Stack: MERN (MongoDB, Express.js, React, Node.js), React Leaflet, JWT, RESTful APIs

- Engineered a full-stack geolocation-based platform enabling users to create, manage, and visualize map markers.
- Integrated **React Leaflet** for interactive mapping, leveraging GeoJSON for spatial data representation.
- Designed a **RESTful API** with Express.js for CRUD operations on marker data, achieving **99.9% data persistence reliability** with MongoDB and reducing API response time by **15%**.

VideoTube – Scalable Video Sharing Backend

[GitHub Repo](#)

Tech Stack: Node.js, Express.js, MongoDB, JWT, Cloudinary, RESTful APIs

- Built a backend system for a video-sharing platform, handling **user authentication, video uploads, and metadata management**.
- Implemented **JWT-based authentication and authorization** and role-based access control for secure user operations.
- Designed a **RESTful API** with Express.js, enabling video CRUD operations and user interactions.
- Integrated **Cloudinary** for optimized video storage and retrieval, ensuring scalability and performance.

Doctor Appointment Booking Website – Personal Project

[GitHub Repo](#)

Tech Stack: React, Tailwind CSS, Express.js, Node.js, MongoDB, WebSockets

- **Created a secure and scalable appointment booking platform** featuring **user profiles**, **doctor profiles**, and **role-based access control**, ensuring a seamless experience for both patients and healthcare providers.
- Ensured real-time updates using **WebSockets**, improving patient-doctor interaction efficiency.
- **Optimized database queries** and **API endpoints**, achieving a **20% reduction in response times** and ensuring smooth performance even during peak usage.

Work Experience

Full Stack Developer (CodeSoft Intern)

📅 October 2024 - November 2024

- Built and deployed responsive web applications using the **MERN stack**, integrating modern UI frameworks with robust backend systems.
- Integrated **Razorpay Refund API and Webhooks** to automate refund processing upon cancellations.
- Created engaging frontend interfaces using **React.js, Tailwind CSS, and Material-UI**, ensuring cross-platform responsiveness.
- Implemented **real-time data synchronization using Socket.IO**, enhancing user interaction for chat and live notifications.

Achievements & Certifications

- **Solved 100+ LeetCode problems**, demonstrating strong problem-solving skills in algorithms and data structures.
- **Developed and deployed 5+ full-stack projects** using the **MERN stack**, showcasing expertise in **backend development**, **RESTful APIs**, and **database management**.
- **Self-learned and built projects in Node.js and Express.js**, applying industry best practices.
- Strong **communication skills**, ensuring seamless **collaboration** in **fast-paced** development environments.