MEHUL SINGH

Aspiring Software Developer

📞 7389098839 @ mehulsingh076@gmail.com 🔗 LinkedIn | GitHub | Portfolio 📍 Bhopal, Madhya Pradesh-462041

SUMMARY

Full Stack Developer with 2+ years of experience specializing in MERN Stack, Next.js, and Generative AI. Strong background in building dynamic, user-centric web applications and optimizing backend performance. Eager to contribute to impactful projects in an internship environment while deepening technical abilities. Passionate about user experience and continuous learning.

SKILLS

Programming Languages: JavaScript/TypeScript, SQL, Python, HTML5/CSS3

Frameworks & Databases: React (Hooks, Redux, RTK), NextJS, Express.Js, MongoDB, PostgreSQL, Oracle DB, Appwrite Bucket

Tools & Technologies: Git/GitHub, Postman, AWS, Docker, Hosting

CERTIFICATIONS

HTML | CSS | JavaScript for web developers by Coursera

GenAI: AI tools utilizations guide for web developers by Udemy

Artificial Intelligence and Machine Learning by Vityarthi

EXPERIENCE

Full Stack Developer Intern
Prefer Coding Secret
📅 12/2024 - Present 📍 Bhopal
IT Solutions & Training
- Worked on Company's main website, both frontend and backend server management, redesigned landing page and improved backend connectivity.
- Made more than 5 projects in the meantime, debugged many projects as well.

Freelance Programmer/app Developer
Self Employed
📅 07/2024 - Present 📍 Remote
Providing freelancing services
- Worked on 10+ client projects, including major projects and debugging/fixes.
- Providing services throughout the globe.

KEY ACHIEVEMENTS

🏅 **Hackathon Achievement**
3rd place in Firefox Club's Anti-Ragging Frontend Hackathon

💎 **SIH: Semifinalists**
Qualified University level in the SIH national level hackathon

EDUCATION

Bachelor of Technology in Computer Science
Vellore Institute of Technology
📅 07/2022 - 06/2026
📍 Bhopal, Madhya Pradesh, India

GPA
8.3 / 10

PROJECTS

Margdarshak
📅 Present
🔗 https://shorturl.at/xh7wK
Smart Traffic Management System utilizing machine learning.
- Intelligent traffic management system using machine learning algorithms like Round Robin scheduling to calculate and assign green light durations based on real-time traffic density.
- Provides real-time data from traffic cameras and adjusts traffic light timings based on congestion levels.
- Automatically alerts emergency services in case of accidents, optimizing traffic flow and enhancing urban mobility.
- Created a website to oversee the working of the model, including camera view with real-time data.

TopperTown AI
📅 11/2024 - Present
🔗 https://toppertown.vercel.app/
Study platform generating personalized study materials.
- AI-powered platform designed to assist students by generating study material based on user prompts.
- Creates in-depth notes, flashcards, quizzes, and FAQs, improving through continuous learning.
- Provides five free course generations, with additional credits available through a subscription model.
- Tracks user progress and enhances the experience using Inngest CLI for a smoother process, integrated with Clerk for secure authentication.

StoreDoc
📅 10/2024 - 11/2024
🔗 https://storedoc.vercel.app/
A secure storage solution ensuring user data protection.
- Protects user data with multiple layers of security, including hashing and OTP-protected authentication.
- Ensures user integrity by preventing unauthorized access.
- Features parallel storage capabilities, allowing users to share files with others via email without affecting recipient's storage quota.