MEHUL KUMAR

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EDUCATION

Ghani Khan Choudhury Institute of Engineering & Technology

A Centrally Funded Technical Institute (CFTI) under Ministry of Education Govt of India

Nov 2020 - Aug 2024

B. Tech in Electrical Engineering | Malda, West Bengal | GPA: 8.27/10.0

Courses: C | Data Structure & Algorithm | Microprocessor & Microcontroller | Computer Network | Artificial Intelligence

EXPERIENCE

Frontend Engineer (Proof of Skill)

Mar 2025 - Jul 2025

- Designed and implemented a completely new UI flow for **Skill.CV** based on Figma designs, ensuring pixel-perfect responsive layout and improved UX.
- Refactored application architecture by replacing middleware-based profile data fetching with useRef and function-based data flow, resulting in **40% faster performance**.
- Contributed to increased **user completion rate** through performance optimization and UX enhancements.
- Integrated **Sentry logging** across all company projects, capturing console logs, API responses, and user interactions for better debugging and monitoring.
- Implemented **filter logic on heatmaps** for the **GET** project to allow real-time analytics visualization.
- Collaborated closely with designers and backend teams to align UI functionality with business requirements.
- **Tools**: React, Next.js(v14), Typescript, Tanstack Query, Zustand, Redux Toolkit, Framer Motion, AWS, Redis, Radix UI, Headless UI, Privy.io, Sentry, Mixpanel.

Software Developer (Naga Soft Labs Private Ltd)

Aug 2024 - Mar 2024

- Designed and developed a full backend system using **Node.js**, **Express.js**, **and SQL**, ensuring high performance and scalability for enterprise applications.
- Fixed critical bugs and implemented UI improvements in a **social media platform project**, enhancing user experience and system stability.
- Integrated **payment gateways**, enabling secure and seamless transactions for users.
- Tools: React, Next.js(v14), Redux, TypeScript, JavaScript, Solidity, Vue.js, Pinia, DaisyUI, Node.js, Express.js, MySQL, SQL, Supabase, Firebase.

SKILLS

Languages: HTML5, CSS3, JavaScript, TypeScript, C/C++, SQL, Python and Solidity

Libraries /Frameworks: React, Redux/Redux Toolkit, Tailwind CSS, Next JS, Vue.js, Pinia, Node.js, Express.js, Mongo DB, SQL, Mongoose, My SQL, Supabase, Firebase, Graph Ql, Ant Design, *DaisyUI* and Material UI

Tools: Git/GitHub, Linux, Docker, Stripe, Vercel and Netlify

PROJECTS

Resume Genie (AI Resume Builder) Live Link | Source Code

- Built a full-stack AI-powered resume builder using **React**, **Next.js**, **TypeScript**, **Tailwind CSS** for responsive design, **Node.js** for backend logic, **Gemini AI** API for responses, **Clerk** for user authentication, and **MongoDB** for data storage.
- Improved resume generation efficiency by **85%**, allowing users to create and customize professional, **ATS**-friendly resumes in under **5 minutes**, significantly reducing the time spent on manual resume formatting during **placement** season.

Health Advisor Live Link | Source Code

- **Tech Stack:** Developed with React, Redux, Tailwind CSS, and Gemini API, delivering a responsive and AI-driven **health advisory** platform.
- **Personalized Health Insights**: Provided real-time analysis and recommendations on conditions, **exercises**, **medicines**, and **diet** based on **user symptoms** or **medical reports**.

Mood Mingle (mood recommendation)Live Link | Source Code

- **Tech Stack**: Built with React, Redux Toolkit, Tailwind CSS, MUI for styling, Axios for API calls, and Framer Motion for smooth animations, providing a responsive and engaging user experience.
- **Personalized Mood-Based Recommendations**: Curates tailored **songs**, **movies**, and **books** that align with users' emotions, enhancing the entertainment experience based on mood.