MANISH KUMAR

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EDUCATION

Indian Institute of Engineering Science and Technology(IIEST), Shibpur **Dec 2020 – June 2024**
Bachelor of Technology (B.Tech) - Information Technology, CGPA - 7.8 *Howrah, West Bengal*

EXPERIENCE

GreenAI Services Private Limited **Dec 2024 – Present**
Junior Full Stack Engineer - Full time *Kolkata, West Bengal, India*
- Architected and developed the **GreenAI Services** company website with a fully responsive design, high-performance optimizations, and build in-house an **internal analytics dashboard** for usage tracking.
- Designed, developed, and deployed three **AI-powered chatbot solutions**:
  * **GreenAI Legal Chatbot** – In-house legal query resolution platform (Live)
  * **Incopa Chatbot** – Multilingual chatbot for a German client
  * **Kokilaben Dhirubhai Ambani Hospital Chatbot** – Conversational assistant for a major healthcare client
- Engineered full-stack interfaces using **React, TypeScript, Tailwind CSS, Node.js, Express.js, MongoDB** with secure authentication via **JWT** and **Bcrypt**, deployed on **Google cloud platform** and **Vercel**.
- Developed custom **Python scripts** to scrape and process **2.8M+ records** from web sources and convert **100K+ Markdown files** into structured **JSON**.
- Designed and delivered the official website for **Greeny Agrotech Pvt. Ltd.**, leading the project from **UI/UX design** to responsive deployment.
- Led frontend development of an internal mobile app using **React Native**, ensuring optimal performance on **Android**.
- Developed of a **GST Customer Compliance Chatbot** using a **RAG pipeline (LLMs)** for intelligent query resolution.

Bytes Bridge **July 2024 – October 2024**
Software Developer Engineer - Internship *Remote, India*
- Built and optimized core features of **mys-shaadi.com** using the **MERN stack**, enhancing performance and user engagement. Implemented secure authentication with **JWT** and **Bcrypt**, improving data protection and user privacy.

PROJECTS

StarStream | *MONGODB, EXPRESSJS, REACT, NODEJS, VERCEL*
- Developed a **Full-stack web application** with a React frontend, Node.js/Express backend, and MongoDB, enabling users to **search, explore movie details, mark favorite, give reviews and much more**. Integrated with TMDB API for dynamic and up-to-date movie information.
- Deployed on **Vercel Cloud Hosting**: Live Website | **Code Repository**: View on GitHub

Food Fusion | *REACT, HTML, CSS, JAVASCRIPT, FIREBASE, RENDER*
- Designed a **Frontend web application** (UI Level) aims to create a simple and intuitive user interface for **customers to browse food items, add them to the cart, and place orders**. This project targets the food ordering system, providing users with an engaging and responsive interface.
- Deployed on **Render Cloud Hosting**: Live Website | **Code Repository**: View on GitHub

TECHNICAL SKILLS

Languages/Web Technologies: C, C++, PYTHON, HTML, CSS, JAVASCRIPT.
Frameworks: REACTJS, VUEJS, TYPESCRIPT, DJANGO, NODEJS, EXPRESSJS, WEBSOCKET, TAILWIND CSS.
Databases/Cloud Applications: MYSQL, MONGODB, FIREBASE, REDIS, GOOGLE CLOUD, VERCEL, RENDER.
Developer Tools/Tech Concepts: V.S CODE, GIT/GITHUB, FIGMA, RESTFUL APIs, AGILE METHODOLOGY.
AI Tools: OPENAI (GPT models), GOOGLE GEMINI, GITHUB COPLIOT, CURSOR IDE.

ACHIEVEMENT

- Solved **400+ Data Structure and Algorithms** problems on LEETCODE, GEEKSFORGEEKS and other platforms.
- **Merged 10+ Pull Request** Successfully in SOCIAL WINTER OF CODE, Season-3, 2023 (Open-sources).
- Worked in **CHEGG-INDIA as a Computer Science subject matter expert**, 2024 (Freelancer).
- **Merged 7+ Pull Request** Successfully HACKTOBERFEST, 2022. (Open-sources).
- **Merged 5+ Pull Request** Successfully in GIRLSCRIPT SUMMER OF CODE, 2022 (Open-sources).
- Qualified **B-plan named KSHITIJ**, organized by IIT-Kharagpur, 2022 (Hackathon).