

Nikhil Verma

✉ 10verma.nikhil@gmail.com 📞 +91 9997034375 🌐 <https://www.linkedin.com/in>

EXPERIENCE

Metabrix lab - Bangalore

May 2023 - July 2023

Full Stack Developer

- Spearheaded the development of a streamlined data upload process, leveraging various methods for enhanced versatility. Implemented innovative features, such as seamless file uploads from devices and QR code scanning for image uploads. Achieved a 30% improvement in user experience, reducing the time users spent on data uploads and gathering positive feedback.
- Utilized the MERN stack and Three.js to process uploaded data, creating user-friendly responses. Engineered a download feature enabling users to store processed information. This initiative led to notable enhancements in user experience, streamlined data processing, and a marked boost in overall productivity

Teachnook - Bangalore

Feb 2023 - April 2023

Full Stack Developer

- Specialized in Industrial Assets with a focus on Condition Monitoring and Asset Optimization. Employed JavaScript, React.js, REST API, PostgreSQL, Node.js, and Express.js to establish and uphold resilient backend systems.
- Spearheaded the development and maintenance of REST API endpoints, proactively addressed frontend integration challenges, and played a pivotal role in testing and optimizing system performance, resulting in a commendable 20% enhancement in overall functionality.

PROJECTS

i-Notebook

- Spearheaded the development of a comprehensive cloud-based Notebook application. Integrated essential features: Note management (addition, updates, deletions), Login, and Sign up capabilities.
- Leveraged MongoDB and Node.js for seamless server-side functionality and robust data security.

Expense-Tracker

- Implemented user authentication for enhanced security using Redux store, fortifying user data protection. Engineered intuitive screens for adding, editing, and deleting expenses, providing a comprehensive expense management experience.
- Employed Axios for efficient API communication, ensuring seamless data retrieval and updates. Integrated Statistical Monitoring screens for insightful expense analytics, empowering users with comprehensive expenditure insights for informed decision-making.

Chat-Bot

- It comprehends natural language, delivering relevant responses. It learns from interactions, adapting for personalized, engaging conversations. Users experience seamless, human-like exchanges with instant responses.
- Front-end in React.js offers a user-friendly interface for input and responses; Backend in Node.js/Express manages interactions, user prompts, OpenAI requests, and conversation history.

EDUCATION

Indian Institute of Technology - Mandi

Aug 2019 - Aug 2023

Bachelor of Technology in Engineering Physic (Minor in Computer Science)

- CGPA - 7.5

EXTRA-CURRICULAR ACTIVITIES / LEADERSHIP ROLES

- Spearheaded the web development team, orchestrating seamless execution of college events, showcasing exceptional leadership and project management prowess.
- Engaged in over 50 competitive programming contests, achieving a top rating of 1408 (Specialist) on Codeforces.
- Demonstrated prowess in the Inter IIT Coding Contest 2021, securing an impressive rank of 172 among 1000 students from 12 IITs, hosted by IIT Bhubaneswar

ADDITIONAL

- Certifications: React, React-Native, Python, Deep-Learning.
- Technical Skills: C++, JavaScript, React, React-Native, Node.js, MongoDB, Tailwind, Axios, MySql, Python, TypeScript.
- Research work: Research the Prevalence of ALS, study relevant factors, and be Proficient in qualitative and quantitative analysis technology.