MILAN KUMAR DANDAPAT

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SUMMARY

Full Stack Developer skilled in building scalable web applications using React.js, Next.js, Node.js, and Django. Hands-on experience with RESTful APIs, TypeScript, and modern UI frameworks. Built and deployed applications integrating databases (MySQL, MongoDB, Firebase) and cloud services. Interested in solving real-world problems with clean, maintainable code.

EDUCATION

MCA | Indira Gandhi Institute of Technology | SEP 2024 to present
B.Sc. Computer Sc. | Sri Rama Chandra Bhanja Deo University | 8.5 CGPA | AUG 2021 to JUN 2024
High School | JNV, Mayurbhanj | 73.8 Percentage | AUG 2013 to JUN 2018

SKILLS

Web Development: HTML5, CSS3, JavaScript (ES6+), TypeScript, Bootstrap, Tailwind CSS, React.js, Node.js, Express.js, Next.js, Django

Database & Backend: MySQL, MongoDB, Firebase (Realtime Database), RESTful APIs, Cloudinary

Programming: C, C++, Java, Python

Tools & Deployment: Git, GitHub, Netlify, Vercel, Postman, VS Code

Other: Responsive Design, API Integration, Unit Testing, Debugging, Agile Methodologies

PROJECTS

1. **MiMart – AI-Powered E-commerce Website** *(MERN Stack, Firebase, Cloudinary)*
   - Developed a full-stack e-commerce site using the MERN stack, with AI/ML integration for a personalized user experience.
   - Implemented Firebase for secure authentication and Cloudinary for image management, and designed a responsive UI with core e-commerce features.

2. Melo – Real-time Chat Web *(React.js, Firebase, Cloudinary)*
   -Built and deployed real-time chat application with Firebase Realtime Database for instant messaging and Cloudinary integration for seamless media uploads and management.
   -Implemented user authentication, chat room creation, and optimized real-time updates.

3. WeathMi – Real-time Forecasts (*Next.js, Tailwind, OpenWeather API, Gemini AI***)**
   -Created a weather app with real-time forecasts, city search, live maps, and AI-chatbot assistant. - Integrated OpenWeather API and Gemini AI for personalized weather insights.

EXPERIENCE

Web Development Intern | SIH Hackathon Group | Feb 2024 - Mar 2024

- Developed a real-time blood request management platform (React.js, Node.js, Firebase, MongoDB), projected to improve hospital–guardian communication by 30%.
- Designed and optimized a secure UI, reducing data handling errors and aiming to improve healthcare accessibility for 200+ rural patients.

ACHIEVEMENTS

- 1st Place, Smart India Hackathon 2024 (College Level) – Proposed real-time healthcare platform aimed at reducing hospital wait times by 30%.
- Successfully Deployed MELO (chat app) & ShopCart (e-commerce) with secure authentication.