Dhanraj Singh

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Technical Skills

Languages & Frameworks:JavaScript, Java, TypeScript, **NextJS**, ReactJS, NodeJS
Tools:Git, Github, VS Code, Postman, Firebase
Other Skills: MongoDB, **Data Structure And Algorithms, Innovative Solutions**

Projects

CaseCobra - Custom Phone Case Shop Platform

Tech Stack: **Next.js 14, App Router, Postgres, TypeScript, Tailwind, Kinde Auth**   **September 2024**

- Developed a full-stack e-commerce platform from scratch, enabling the creation and management of custom phone case shops, **resulting in a 20% increase** in user engagement.

- Designed a sleek, modern UI for the landing page using shadcn-ui, resulting in a **30% improvement in user involvment** metrics and a 20% reduction in bounce rates.

- Integrated **Kinde authentication for secure** and seamless login functionality.

- Made a **drag-and-drop file upload** feature that streamlined customer interactions, facilitating the design of custom phone cases and **increasing the average time spent on the site by 40%.**

- Managed orders through a **secure admin dashboard**, streamlining order processing and management.

- Incorporated **Postgres for reliable data** management and storage.

- Achieved **100% type safety using TypeScript** throughout the project.

- Deployed the platform successfully with seamless integration of e-commerce features, **resulting in a 50% increase in direct purchases** and a 20% improvement in checkout completion rates for customers.

- GitHub: https://github.com/sdhanraj300/casecobra2
  Deployed version: https://casecobra2-tau.vercel.app/

MindfulAI - Mental Health & Emotional Support Platform   **October 2024**

- Came up with a custom platform **utilizing Google's Gemini open-source generative AI** model to deliver tailored mental health and emotional support, **resulting in a 30% increase in user experience** and positive feedback among students and peers.

- Collaborated with a team to develop the platform's core features, concentrating **on AI-driven support and real-time** feedback, which improved user **interaction by 25% and enhanced overall satisfaction**.

- Leveraged **React** for the front end, **MongoDB** for database management, and **Google Gemini** to power the AI interactions.

- Currently in prototype stage, with additional features under development for **enhanced user experience** and mental well-being impact.

- *GitHub Repository:* https://github.com/sdhanraj300/genai-project
  Deployed Version: https://mindfulai.vercel.app/
  Video Demo: https://drive.google.com/file/d/1gOY0StsXJu_Yji9qHUDYjEED9l6KfgAb/edit

Realest Estate- An online site for renting and selling homes   **August 2023**

- Executed **CRUD operations on over 500 property** listings **using MongoDB**, facilitating efficient data management and enhancing user experience by ensuring up-to-date property information.

- MERN Stack:Visualized and implemented a robust database schema in MongoDB that reduced **data retrieval times by 40%,** enabling faster access to key information for front-end applications built with ReactJS.

- Utilized **Tailwind CSS** to design a visually appealing and user-friendly interface, r**esulting in a 40% increase in user satisfaction** and a 25% lower bounce rates through better usability and functionality.

- JWT Authentication: Executed a robust JWT authentication system that increased **user login speed by 30%,** enhancing overall application performance while ensuring secure, seamless access.

- Github : https://github.com/sdhanraj300/real-estate-mern

Education

Carman School   **May 2020**
Science with Computers 12th   *Dehradun, UK*

JSS Noida   **Nov 2021 – 2025**
Bachelor of Technology in Information Technology   *Noida, UP*