Vivek Shukla

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SKILLS

LANGUAGES

C++ · Python · JavaScript · Java
TypeScript · HTML · CSS

FRAMEWORKS

NodeJS · NextJS · Express · React
TailwindCSS

TOOLS

Git · RESTful API
SQL · MongoDB · Postgres
Prisma

LINKS

Github:// whovivekshukla
LinkedIn:// whovivekshukla

EDUCATION

AMRITA VISHWA VIDYAPEETHAM
Bachelors's in Computer
Application
2021 - 2024

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Problem Solving and Algorithmic Thinking
Database Management System
Operating System and Computer
Architecture
Object Oriented Programming

CERTIFICATIONS

Data Structures and Algorithms
NodeJS and Express
Python Bootcamp

EXPERIENCE

LIVERA TRACK Software Engineering Intern
May 2023 – June 2023
- Worked on the frontend team to redesign the company's website from scratch.
- Utilized Bootstrap, HTML, and CSS to create a modern and user-friendly website.
- Collaborated with the team to implement design improvements and enhance the overall user experience.

PROJECTS

LUKAS | Automate Drone Inspections |

- Built on NextJS for a fast, responsive, and SEO-friendly web application, providing an optimal user experience.
- Utilized Prisma ORM and Supabase for reliable and efficient data storage and retrieval, ensuring high data integrity.
- Integrated FlytBase APIs for seamless real-time drone control and data exchange during aerial inspections.
- Employed Google Cloud Intelligence for advanced image recognition, enhancing data analysis accuracy and effectiveness.

MOOD | AI-Powered Journal App |

- Designed a web application using NextJS, integrating OpenAI APIs for advanced mood analysis based on user journal entries.
- Implemented secure user authentication with Clerk, ensuring a robust and user-friendly login experience for all users.
- Used Tailwind CSS for efficient styling, resulting in a visually appealing interface that enhances overall user experience.
- Managed data efficiently with PlanetScale DB and Prisma ORM, ensuring reliable and scalable data handling and storage.

ULTRADIET | AI Diet Planner |

- Developed an AI-powered diet planner using advanced natural language processing techniques with Claude Opus and LangChain for personalized plans.
- Created a user-friendly interface with Next.js, ensuring a seamless and intuitive user experience for individuals planning their diets.
- Ensured robust data handling and storage with efficient database management solutions, maintaining high data integrity and accessibility.
- Implemented industry-standard security practices and thorough data validation to guarantee user data privacy and system reliability.