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

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 |

- Lukas is an innovative drone inspection automation software designed to streamline and enhance the process of aerial inspections.
- Developed on the NextJS framework, ensuring a fast, responsive, and SEO-friendly web application, enhancing the user experience.
- Utilizes Prisma as the database ORM, guaranteeing reliable and efficient data storage and retrieval.
- Clerk Auth, the authentication backbone of Lukas, brings advanced security and user management capabilities to the platform.
- Integrated FlytBase APIs for real-time data exchange and control during inspections, enhancing software responsiveness and effectiveness in the field.

MOOD | AI powered journal app |

- Designed and implemented a web application using NextJS, Integrated OpenAI APIs using LangChain to perform advanced mood analysis based on user journal entries, providing insights into mood, subject, negativity, summary, and sentiment score.
- Implemented secure and seamless user authentication using Clerk, ensuring a robust and user-friendly login experience for the Mood Tracker Web App.
- Employed Tailwind, a utility-first CSS framework, for streamlined and efficient styling, enhancing the visual appeal and user experience of the web application.
- Integrated PlanetScale for database management to ensure scalability and reliability, and used Prisma as ORM.

SUBQUIZ | Create and Take Quizzes |

- Designed quiz creation with multi-choice and multi-correct questions.
- Implemented quiz management for admins to track participants, scores, and results.
- Employed Node.js, Express.js, MongoDB, Mongoose, and JWT for user authentication.
- Ensured robust error handling and data validation with Express-Async-Errors and Validator.