

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

BACHELOR'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 streamlines aerial inspections, developed on NextJS for a fast, SEO-friendly app.
- Prisma ensures reliable data storage, Clerk Auth for advanced security, Supabase for Database and FlytBase APIs for real-time drone control.
- Used DaisyUI for UI components and Integrated cron-job.org for task automation, ensuring efficiency in scheduled inspections.
- Employed Google Cloud Intelligence for advanced image recognition, enhancing data analysis during drone inspections.
- Implemented Zod for data validation, maintaining accuracy and integrity in Lukas's system.

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.