VIGNESH A

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🌐 Vignesh-Portfolio ⦿ Github.com/avignesh

SUMMARY

Current Computer Science and Business Systems student actively seeking opportunities in full-stack development. Eager to apply theoretical knowledge gained in academic pursuits to real-world projects and contribute effectively to a dynamic team. Passionate about honing skills in both front-end and back-end technologies.

PROFESSIONAL EXPERIENCE

Deepzest Technologies Sept 2023 - Oct 2023
Software Engineer Intern

- During my internship, I developed a data analysis React application aimed at empowering users to derive insights from complex datasets. Leveraging React's interactive UI components and visualization libraries, the app facilitated intuitive data exploration.

Statix.pro Oct 2023 - Dec 2023
Web Developer Intern

- For my recent project, I embarked on creating a full-stack web application using the MERN stack. By combining MongoDB, Express.js, React.js, and Node.js, I engineered a robust platform capable of handling diverse data and delivering seamless user experiences.

EDUCATION

BTECH Computer Science and Business Systems

K. S. Rangasamy College of Technology

Tiruchengode

2021 - 2025 CGPA : 7.2

SKILLS

Programming : Java

Frontend : React, Angular (Beginner), Tailwind Css, Javascript, Html.

Backend : Node js, Express js, Rest apis, Firebase

Database : MongoDB (beginner), Oracle SQL

Operating System: Linux (Ubuntu)

Tools : Git, Github, IntelliJ IDEA, VSCode, Postman

PROJECTS

Email Automation System ⦿

- React, Express js, Node js, MongoDB, Tailwind css.
- Developed an email automation system using NodeMailer, React, Express.js, and MongoDB. Implemented scheduled mailing, improving communication efficiency and reducing manual effort. Enhanced the system's reliability and ensured timely email delivery based on user-defined schedules.

Hall Booking System 🔗 ⦿

- React, Express js, Node js, MongoDB, Tailwind css.
- This MERN stack hall booking system streamlines venue reservation with an intuitive interface. Leveraging MongoDB for data storage, Express.js and Node.js for backend functionality, and React.js for dynamic user interaction, it provides seamless browsing, booking, and management of event spaces.

Hand Gesture Recognition ⦿

- Python
- Developed a hand gesture recognition system in Python using OpenCV and MediaPipe. Implemented real-time gesture detection, translating hand movements into actions. Optimized the model for accuracy, enabling intuitive interaction through basic hand gestures.

AREA OF EXPERTISE

- Object Oriented Programming
- Data Structures and Algorithms

CO-CURRICULAR ACTIVITIES

- Participating in online coding competitions.
- Trying contributing to open source.
- Participated in MSME Idea Hackathon 2023 with
- an innovative idea.