VIJAI SURIA M

AI DRIVEN FULL STACK DEVELOPER

Passionate third-year Computer Science Engineering student, adept at merging AI with full-stack expertise to redefine digital experiences and drive technological evolution.

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MY WORKS

EmoTrack Pro: Next-Gen Multimodal Emotion Sensing & Privacy-Preserving Analysis

 Dec 2023 - Mar 2024   Chennai, India

- Dynamically expands capabilities to include bilingual text analysis, multimodal data processing, fine-grained emotion recognition, real-time emotion detection, and privacy-preserving analysis.
- Enhances device-friendly experience through visual representation and robust privacy measures.
- **Technologies used: ReactJS, Flask, PyTorch, SQLite, Capacitor.js, Azure**

MIT HealthCare Automation Software

http://www.health-centre.mitindia.edu/healthCare/

 July 2023 - Oct 2023   Anna University, Chennai

- Efficiently manages and automates the operations of university's health center with a cutting-edge MERN stack web application
- Simplify administrative tasks, from prescription management, appointment booking to tracking inventory, all in one intuitive platform.
- **Technologies used: ReactJS, MongoDB, TailwindCSS, Express.js, PHP**

Scanteen Mobile Application

 April 2023 - May 2023   MIT, Chennai

- Our transformative app optimizes the student canteen experience by eliminating waiting times and enabling paperless, cashless transactions for seamless convenience.
- **Technologies used: Flutter, MongoDB, Node.js, ExpressJs**

EXPERIENCE

🏛 Research Fellow at IIT Roorkee (TIH Fellowship)

Developed Cardicare Bot, an AI-based solution for CVD detection

 Dec 2023 - Present   Roorkee (Remote)

🌐 Web Team Lead

Association of Computer Technologists, MIT

 Jan 2024 - Present   Chennai, IN

CERTIFICATIONS

Python for Data Science, AI & Development
IBM certified - coursera.org/verify/LE48UMVR32R4

REST API with NodeJs and ReactJs
ude.my/UC-661f484e-7c16-4424-86c3-48d77ec31cf1/

EDUCATION

BE Computer Science & Engineering
MIT campus, Anna University

 Oct 2021 – Present   **CGPA : 9.59** (till sem 5)

High School
Muthamizhl Higher Secondary School

 Mar 2020 – Jun 2021   **Percentage : 98**%

SSLC
Muthamizhl Higher Secondary School

 Mar 2018 – Jun 2019   **Percentage : 96.4**%

TECHNICAL SKILLS

Programming
C C++ Java JavaScript Python

Front-end
ReactJS Flutter Bootstrap Next.js
jQuery Tailwind CSS HTML CSS

Back-end
PHP Express.js Node.js Spring Boot
MySQL MongoDB PostgreSQL Oracle

Tools & Platforms
Git GitHub GitHub Azure Canva
VS code WordPress

ACCOMPLISHMENTS

- Ranked among the top 2% candidates at the Tamil Nadu Coding Premier League (TNcpl) out of 85,000 participants.
- Secured top 15 finalist position at the Haryana Police hackathon for crafting the AI-powered mobile app "Detoxify" for drug mitigation.
- Passed the SQL(Advanced) skill test conducted by Hackerrank.

MOST PROUD OF

🏆 **Academic Triple Crown Winner**
Secured school first rank in SSLC, HSC 1st and 2nd year