Mathav RAMALINGAM

Backend Developer | Aspiring Student

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CAREER OBJECTIVE

As a computer science and engineering enthusiast, proficient in Python Development, I aspire to tackle challenging projects and contribute innovative solutions. Dedicated to honing my skills and making meaningful contributions to the industry, I am committed to delivering high-quality results and fostering continuous growth.

PROJECTS

Dustless Vacuum Board Cleaner | 2023

- Rechargeable Dustless Vacuum Board Cleaner that can effectively clean chalk dust from blackboards without generating any new dust.

Personal Portfolio| 2025

- Build a responsive personal portfolio website using reactjs, tailwind with features like showcase Skills, Projects and Point of Contact.

Women Safety Analytics| 2024

- Real-time Women Safety Analytics System designed to detect harassment and unsafe situations in public spaces through CCTV video surveillance. The solution leverages advanced machine learning algorithms and deep learning models for behavior detection and SOS alert triggering.

PRESENTATIONS

IDEATHON | 2023 - THIRD PRIZE

- Rechargeable dustless vacuum board cleaner that can effectively clean chalk dust from blackboards without generating any new dust.

PROOF OF CONCEPT | 2023 - SECOND PRIZE

- Rechargeable dustless vacuum board cleaner that can effectively clean chalk dust from blackboards without generating any new dust.

SRI KRISHNA COLLEGE OF TECHNOLOGY | 2024

- Presented our idea aims to tackle the issue of food waste by providing a convenient platform for individuals and businesses to donate excess food from events and households to those in need. Our application serves as a bridge between surplus food and hunger individuals.

EXPERIENCE

01/05/2024 - 01/06/2024(1-Months)
Auro Tech Solutions
Python Development - Internship

- I developed a Python application to generate QR codes.This tool allows users to input a URL or text and generate a corresponding QR code.
- I developed console application with a focus on building efficient banking systems with feature like Deposit, Withdrawal and Transfer amount .
- I developed a feature-rich Timer application built using Python and Tkinter. In Python development intern,gaining practical experience in building scalable solutions.

EDUCATION

Bachelor of Engineering
Computer Science and Engineering | Kongu Engineering College, Erode Grade: 7.40
2022 - 2026

Higher Secondary
Computer Science - Math | Best Matric Higher Secondary School, Thanjavur
Percentage: 76.6

SKILLS

- **Programming Language:** Python, C
- **DataBase:** MySQL, MongoDB
- **Web Development:** HTML, CSS, JavaScript
- **FrameWork:** Node JS, Express JS
- React JS
- **UI/UX:** Figma
- **Version Control:** Git and Github

AREA OF INTEREST

- Computer Networks
- Object Oriented Programming

MEMBERSHIP

- EXECTIVE MEMBER (Cloud User Group)
- MEMBER (Indian Society for Technical Education)
- VOLUNTEER (National Service Scheme)

CERTIFICATION

- MongoDB Associate Developer