

KATHIRAVAN A

Aspiring Full Stack Developer

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SUMMARY

I am a motivated IT student with a strong foundation in Python and web development. I am skilled in building efficient and scalable solutions, as well as developing web applications. I adapt quickly to new technologies and dynamic environments.

EDUCATION

Manakula Vinayagar Institute of Technology, Puducherry (2023–2027)
Bachelor of Technology in Information Technology
CGPA: 8.3/10 (up to current semester)

St. Antony's Matriculation Higher Secondary School (2021–2023)
SSLC: 73% | HSC: 83%

TECHNICAL SKILLS

Programming Languages: Python, Java
Web Development: HTM, CSS, Javascript
Databases: MongoDB, Firebase
Other: OpenCV (Beginner), OOPs

PROJECTS

AI Smart Traffic & Drowsiness Detection System (Feb-2025)
Developed a real-time system to monitor traffic and detect driver drowsiness using Python, OpenCV, and machine learning.
Implemented facial analysis for real-time alerts to enhance road safety.
Tools Used: Python, OpenCV

Coffee Shop Website (Live) (April-2025)
Designed and built a clean, responsive website for a coffee shop using HTML, CSS, and JavaScript.
Provided an intuitive interface for browsing menu, about, and contact information.
Tools Used: HTML, CSS, JavaScript

CERTIFICATIONS

Python Programming – **GUVI** (JAN-2025)
MongoDB Basics – **MongoDB University** (JULY-2025)
Front-End Development – **SimpliLearn** (JAN-2025)

ACHIEVEMENTS

1. Participated AEC International Hackathon 2025 (AI Smart Traffic & Drowsiness Detection System).
2. Active participant in coding competitions and technical events.
3. Participated in NIT Gyandhi Hackathon with AI chatbot model.