MYTHILI M

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CAREER OBJECTIVE

Full Stack Developer and AI/ML Engineer with hands-on experience in building scalable web applications, computer vision systems, and AI-driven platforms.

EDUCATION

KONGU ENGINEERING COLLEGE
- CGPA: 9.07   **[2023-2027]**

VVMS SCHOOL,TIRUPPUR
- HSC : 92.66 %   **[2021 -2023]**
- SSLC   **[2020 -2021]**

SKILLS

- **Programming :** Python, C, C++, Java, JS
- **Frontend :** React.js
- **Backend :** Node.js ,Express.js
- **Databases :** MySQL, MongoDB
- **AI/ML :** TensorFlow, YOLOv8, OpenCV
- **Cloud Services :** AWS
- **Data Analysis :** Power BI

AREAS OF INTEREST

- Database Management System
- Operating System
- Machine Learning
- Web Development

RESPONSIBILITY

- **Event Ambassador -** CIT (2025)
- **IT Association Newsletter Contributor -** 6+ publications (2023 - 2026)
- **Placement Coordinator** (2023 - 2027)

CHAPTER PUBLISHED

- **Smart Hospitals in Modern Era** – Book Chapter,Surgical Robots in Smart Hospitals, Wiley (2025)
  ISBN: 978-1-394-35533-4

SOFT SKILLS

- Leadership & Team Collaboration
- Problem-Solving & Communication

EXPERIENCE

AI/ML Developer Intern
CubeAI Solutions, Bangalore | 3 Months
- Worked on real-time CNN and YOLOv8-based computer vision projects including turmeric classification, leaf disease detection, and vehicle tracking.
- Developed and deployed the official company website : cubeaisolutions.com/

ACHIEVEMENTS

- **Best Student Award** (2023–2024).
- **Top 5% Merit Scholarship** – KVIT Trust (2023–2024) & (2024-2025)
- 1st Prize – Paper Presentation on "**AI in Agriculture**", CIT (2024).
- 2nd Place – Project "**Image Embedded Caesar Cipher Encryptor and Decryptor**", SKCET (2024).
- Winner – **BYTS India** 24-Hour National Hackathon for project **"CityConnect"** with ₹5,000 cash prize (2025)
- 3rd Place – 12 Hours Hackathon for Project - "**Medibot**", CIT (2025).
- Winner, Data Science Hackathon - "**Cattle Breed Classification**", KEC(2025)

PROJECTS

1) CityConnect – Smart Civic Issue Management Platform [Jan 2026]
- Developed a full-stack civic issue management platform with real-time tracking and an AI-powered multilingual chatbot (Grok API).
- Winner – **BYTS India 24-Hour National Hackathon** (₹5,000). **GIT** : city_connect
- **Tech Stack :** MERN, JWT, REST API, Grok API, i18next, Twilio, Multer

2) AI-Based Turmeric Classification & Disease Detection [Sep -Nov 2024]
- Built CNN + YOLOv8 model with 91%+ accuracy for turmeric classification and disease detection using Python UI. **GIT** : Curcuma_longa
- **Tech Stack :** Python, TensorFlow, YOLOv8, Roboflow, OpenCV

3) Smart Culinary Experience Platform [Jan - Mar 2025]
- Built a MERN stack smart culinary platform with JWT authentication, RESTful APIs, and responsive UI. **GIT** : cooking-recipe-sharing
- **Tech Stack :** MongoDB, Express.js, React, Node.js, JWT, REST API

4) AI-Powered Hospital Management System [May - Jul 2025]
- Built a hospital portal with AI chatbot and optimized database, cutting appointment time by 40% . **GIT** : smart_hospital
- **Tech Stack :** HTML, CSS, JavaScript, PHP, MySQL, REST API, Chatbase AI

5) License Plate Recognition System [Aug - Sep 2025]
- Engineered a Python-OpenCV solution achieving 92% accuracy in low-light license plate detection with real-time processing. **GIT** : Licence_Plate
- **Tech Stack :** Python, OpenCV, EasyOCR, YOLOv8

CERTIFICATIONS

- AWS Cloud Practitioner Global Certification (2024)
- Oracle APEX Cloud Developer Professional (2025)