

Moulesh G S

Full-Stack Web Developer | Machine Learning Enthusiast

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EDUCATION

Thiagarajar College Of Engineering, Madurai — *B.Tech in Information Technology*

Amalorpavam hr. Sec. School, Puducherry — *9th to 12th standard*

St.Joseph of Cluny matic. hr. Sec. School, Tindivanam — *1st to 8th standard*

PROJECTS

Creative Portfolio Using Anime.js — *Interactive Developer Portfolio*

Built a visually engaging portfolio using Anime.js, AOS, and TailwindCSS to showcase projects dynamically. Focused on smooth animations and responsive UI to enhance user experience.

Live Demo: [Moulesh's Portfolio](#)

Emotion-Based Tamil Music Recommender — *voice + NLP Powered Song Selector*

Developed a real-time recommendation system that detects emotions from Tamil voice input using Whisper and NLP emotion classification, then recommends matching songs using the Spotify API.

GitHub: [Emotion Voice Music Recommender](#)

YOLO-Based Dense Captioning in Real-Time — *Object Detection + Caption Enhancement with LLaMA*

Built a real-time system using YOLOv8 for object detection and Microsoft GIT for dense captioning, enhanced with LLaMA 3.2 for natural-language refinement.

Tech Stack: Python, OpenCV, YOLOv8, GIT, LLaMA 3

GitHub: [YOLO Dense Captioning](#)

SKILLS

Java - Python - React - Flask -
Problem-Solving - Web Programming -
Machine Learning - Deep Learning - Oracle
SQL - Git - Github - pytorch - openCV - MERN
- TensorFlow - Full Stack Development

ADDITIONALS

Semi-finalist in SIH (Smart India Hackathon), conducted by the Government of India.

Special Mention in MIT Hackathon 2025 (8-hour hackathon) conducted by MIT, Chennai, for our AI-powered Women's Health Assistant.

Secured first place in a 12-hour Hackathon, HackFest, organized by the TCE IT Coders' Club.

Strong communication, collaboration, and problem-solving skills with experience in team-oriented projects.

HOBBIES

Watching Movies, Reading Books, Playing Table Tennis, Improving Typing Speed

LANGUAGES

Tamil – Native
English – Proficient
French – Reading Level