

MOHANA PRASATH G

✉ mohanaprasath8917@gmail.com

📍 Erode , Tamilnadu , India

🌐 <https://github.com/Mohana-Prasath-2005>

🔗 <https://leetcode.com/u/MOHAN-2005/>

☎ +91 8098286056

in <https://www.linkedin.com/in/mohana-prasath-g-279139267/>

🌐 <https://mohana-prasath-2005.github.io/portfolio/>

🏠 https://www.hackerrank.com/profile/MOHAN_2005

Education

Nandha Engineering College	B.E (CSE)	CGPA : 9.228 (Till V Sem)	2022 – Present Erode
URCPMHSS	HSC (12th)	Percentage 85%	2021 – 2022 Erode
URCPMHSS	SSLC (10th)	Percentage 77%	2019 – 2020 Erode

Skills Summary

Languages:

Python, Java, SQL, C

Front End:

HTML, CSS, JavaScript

UI/UX Tools:

Figma, Canva

Frameworks:

NumPy, Pandas, Matplotlib, Node.js

Visualization & BI Tools:

Power BI, Microsoft Excel

Developer Tools:

GitHub, VS Code, Jupyter Notebook, Google Colab, PowerPoint, Word

Soft Skills:

Leadership & Team Management, Strong Verbal & Communication, Stakeholder management, Critical Thinking & Decision-Making Thinking, Time Management, Problem-Solving

Projects

VISION X (2025) - TEAM LEADER

Integrated a YOLOv8-based object tracking system, processing video feeds at 30 frames per second with a latency of less than 50 milliseconds, enabling real-time analysis.

Keywords: Computer Vision, YOLOv8, Object Detection, Surveillance, AI Tools

3 IN 1 ROBOT CAR (2024) - TEAM LEADER

Engineered an IoT-enabled robot car incorporating gesture, voice, and Bluetooth controls, achieving a 99.9% successful remote command execution rate in controlled industrial environments.

Keywords: IoT, Robotics, Gesture Recognition, Voice Commands, Mobile App Control

WAVDINO-EMOTION INTELLIGENCE (2025) - PROJECT ASSOCIATE

Multimodal emotion recognition using Wav2Vec 2.0 and DINOv2 with transformer-based fusion.

Keywords: Deep Learning, Transformer Models, Multimodal AI, Emotion Recognition

Certifications

- Career Essentials in Data Analysis (Microsoft & LinkedIn)
- Docker Foundations Professional Certificate (LinkedIn)
- Master Microsoft Excel (LinkedIn)
- Data Analytics (NoviTech Pvt Limited)
- AI Foundation (Infosys Springboard - 97.5 %)
- Data Science Workshop (NIT - Trichy)
- Digital Skills : User Experience (Accenture - 89%)
- SQL (Intermediate) – HackerRank

Internships

- Data Science Intern – Postulate Info Tech (15 Days)
- Summer Research Intern – NIT Trichy (1 Month)
- UI/UX Intern – CodSoft (1 Month)

Leadership & Campus Involvement

- Student Secretary – CSE Department (2025 – Present)
- Joint Secretary – NEC & CSE Department (2024 – 2025)
- Advisory Board Member – CSE Department (2022 – Present)

Achievements

- 1st Prize – Paper Presentation (PIE Tech, KEC, ESEC)
- 2nd Prize – Brainwave Battle (NEC)
- 1st Prize – Code Feast (NEC, IRTT)
- 2nd Prize – Aptitude & Python Quiz (NEC, IRTT)
- 1st Prize – UI/UX Design (IRTT)
- 3rd Prize – Project Presentation (NEC)