

Karthick Ganesh M

AI Engineer and Data Analytics

An aspirant developer who combines the craft of programming with the study of data science and artificial intelligence in order to create data intensive applications. I'm a person who is willing to learn new things and who can readily understand complex works and work on them.



Position of Responsibility

Robo Club AI&DS LEAD (2022 - 2023)

Guiding students with technical skills.

BUILD CLUB (2022- 2026)

Learning vertical.

Toastmaster Club (2022 - 2026)

Department of AI & DS.

Education

2020 - 2022



Mahatma Global Gateway (CBSE)
Higher Secondary School, Madurai.
Higher Secondary

2020 - 2024



PSNA College of Engineering and
Technology, Dindigul.
B. Tech Artificial Intelligence and Data
Science

Certificates



Data Analytics

Pantech University, 2023

Power BI for Beginners

Skill UP, 2023.

Python and Computer Vision

Quantanics, 2023.

C & C++ Programming

ALTECH, 2023.

Personal Info



+91 9025476322



www.linkedin.com/in/karthickganesh-muthuraj



<https://github.com/karthickganesh>



<https://karthickganeshm/Portfolio/>

Internships

Deep Learning (MASTER CLASS)

Pantech University, 2024.

Machine Learning (MASTER CLASS)

Pantech University, 2024.

Computer Vision (opencv)

Quantanics, 2024.

Achivements

Genesis EduTech (LOR)

Winner of the MI & ROBOTICS Workshop and
Received Letter of Recommendation (LOR).

Enviro-Solver Hackathon (TNPCB)

Participated in the Enviro-Solvers Hackathon
and secured top 10 teams and received
appreciation certificate with a special mention
in the memorial.

CGPA: 8.02 (till II Semester)

Technical Skills

Power BI
AI Algorithms
Data structures
Data Science
Data Analysis
Computer Vision
Html/CSS
C++ Programming
C Programming
Python Programming
Algorithms
Apache Cordova
Flutter
Cloud computing
R Programming
SQL
Java Programming
Java Script
Machine Learning

Soft Skill

Creative Thinking



Public Speaking



Leadership



Communication



Adaptability



Projects

Trash to Tech (E_BIN).

Successfully build an "Trash to Tech (E_BIN)" working model to avoid single use of plastics and to segregate plastic, papers and tin cans to contribute waste reduction in environment.

Intelligent Roadside Accident Detection and Emergency Response System. (IRADERS)

Successfully Build an ML model for real-time accident detection using surveillance cameras and smartwatch monitoring of vital signs of humans and swift alerts to ambulance and traffic police, enhancing fast emergency response system.

Environmental Monitoring System for Air Quality Index and Water Quality Index

Built an model for real-time monitoring, analyzing and prediction of AQI and WQI level on mobile application.

Greenhouse Gas Monitoring System in Industry.

Successfully build an working model to monitor the amount of greenhouse gas emission with real-time data of industry for prediction and to enables officials to analyze and alert the industry on emissions of the gases on our mobile app .

Competitions Participated

Enviro-Solvers Hackathon (TNPCB)

PSG-Itech National (2023)

ROAD-A-THON District (2023)

Smart India Hackathon (2023)

IDEATHON'24