

RANGARAJAN M

CONTACT

-  +91 9043431235
-  rangarajanm2004@gmail.com
-  Tamil Nadu
-  <https://www.linkedin.com/in/rangarajan-m-75071824b>

SOFT SKILLS:

- Attention to detail
- Goal setting
- Strategic thinking
- Flexibility
- Teamwork

TECHNICAL SKILLS

- Programming languages:
Python(basics),Java
- Softwares:
CCS, Visual Studio Code,Matlab,
Jupyter Notebook,IntelliJ IDEA.
- IOT:Arduino,ESP-32
- Familiar with:Operating
system,OOPS,DBMS-
PostgreSQL.

VOLUNTEERING

- Interacted with the residents of a village and took survey of their needs during the camp.
- Volunteered in organizing blood donation camp.

PROFILE

Possesses a strong academic record, eager to put my skills to work in a professional setting. Gained valuable experience through internships and volunteer work.

EDUCATION

- B.E., - ELECTRONICS AND COMMUNICATION ENGINEERING
- COLLEGE OF ENGINEERING, GUINDY, CHENNAI
Academic year : **2021- 2025** CGPA : **8.607** (till 6th semester)
- 12th Grade -AIM MATRIC HIGHER SECONDARY
SCHOOL,ARNI,TIRUVANNAMALAI.
PERCENTAGE : **98.29%**
- 10th Grade - SISHYA MATRIC HIGHER SECONDARY SCHOOL,
TIRUVANNAMALAI.
PERCENTAGE: **98.80%**

EXPERIENCES

- **INTERN - MADRAS INSTITUTE OF TECHNOLOGY**
grasped the MQTT protocol, cloud computing, pandas data analytics, the fundamentals of ML, and completed a project. (IOT-based smart attendance system using facial recognition)
- **EVENTS TEAM - CEG TECH FORUM**
Coordinated in organizing events and workshops during KURUKSHETRA 2022 .
- **CONTENT TEAM - CEG TECH FORUM**
Did content for the K-mag and events in KURUKSHETRA 2023 .
(based on the start-ups and history of CEG).
- **CONTENT TEAM – STUDENTS ASSOCIATION AND ARTS SOCIETY**

Organizer of the content domain for the year 2023-2024.

LANGUAGES KNOWN:

TAMIL : Native or bilingual proficiency

ENGLISH: professional working proficiency

CERTIFICATIONS:

Udemy:

Java-Data Structures and Algorithms

The Complete SQL Bootcamp(PostgreSQL)

Verilog for an FPGA Engineer with Xilinx Vivado Design Suite

PROJECTS**IOT- BASED SMART ATTENDANCE SYSTEM:**

The Face Detection Attendance System using ESP32 is a cutting-edge application of Internet of Things (IoT) and computer vision technologies. It combines ESP32 cam module integrated with Arduino UNO and sophisticated facial recognition algorithms like Haar cascades to create a seamless and accurate attendance management system. The data can be stored and accessed using cloud platform like IFTTT or google sheets.

FLOOR CLEANING BOT:

Semi-automated bot meant to function effortlessly on the floor. It makes use of the Arduino UNO integrated with a variety of sensors. The sensors include a gyroscopic accelerometer and a wheel encoder to maintain the directivity of the bot. Additionally, an optical proximity sensor (to ascertain the depth) to keep the bot from becoming entangled in a pit.

DECLARATION:

I(RANGARAJAN M), hereby declare that above details are correct to the best of my knowledge.