



# KARTHIKEYAN M

Chennai,Tamil Nadu

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## EDUCATION

- **Gopalapuram Boys Higher Secondary School** 2019  
SSLC  
Percentage:90%
- **Gopalapuram Boys Higher Secondary School** 2021  
HSC  
Percentage:93.75%
- **Sri Sairam Engineering College** 2021-2025  
B.E Electronics and Communication Engineering  
CGPA:8.93

## SKILLS

- Python
- Java
- C Programming
- SQL
- HTML,CSS,JavaScript
- React
- Data Structures and Algorithms

## INTERNSHIP

- **Web Development Intern, PRODIGY INFOTECH**-Gained Hands-on experience on creating web pages like Stopwatch,Tic-Tac-Toe,Weather API.
- **Embedded systems and IOT intern,TRIOS TECHNOLOGIES PVT LIMITED** - Gained hands-on experience in designing,implementing,and troubleshooting embedded systems and IoT solutions.
- **Machine Learning Intern , ADVENTURE TECHNOLOGY SOLUTIONS PVT LIMITED**- Assisted in developing and deploying machine learning models,improving predictive analytics and data insights.

## PROJECTS

- **Automatic Plant Watering System And Disease Detection:**
  - It integrates disease detection through sensors or cameras,employing machine learning.
  - It utilizes soil moisture sensors and Arduino to automate precise watering based on real-time condition.
  - Tech Stack : Arduino, Soil Moisture Sensor,Machine Learning in Python.
- **Blog-Mania:**
  - It is a Frontend application where users can post and view blogs of their choice .
  - Utilised JSON for structuring and managing blog data efficiently
  - Tech Stack : React

## CERTIFICATIONS

- Python Basics for Data Science - EDX(2022)
- Data Structures and Algorithms in Python - UDEMY(2023)
- Computer Networks and Internet Protocol - NPTEL(2024)

## EXPERIENCE

- **Virtual Teaching Assistant** : Volunteered as an online instructor with Maatram Foundation,delivering virtual classes in Python and SQL,and providing educational guidance and support to students.