






# R SURIYANARAYANAN

✉ suryanarayanan8036@gmail.com |  suriyanarayanan |  +91-8610708767 |   
Thanjavur, Tamil Nadu |  GitHub |  LeetCode

## Overview

Aspiring IT professional with basic knowledge in programming and a strong interest in web development using HTML, CSS, and JavaScript. Also interested in learning more about machine learning and cloud computing. Enjoys solving problems and aims to grow by working on real-world projects in a team environment.

## Education

|                                                                |                     |
|----------------------------------------------------------------|---------------------|
| <b>K RAMAKRISHNAN COLLEGE OF ENGINEERING, Tiruchirappalli.</b> | Sep 2021 – May 2025 |
| B.Tech Computer Science And Business Systems - 7.5 CGPA        |                     |
| <b>MAXWELL MATRIC HR SEC SCHOOL, Thanjavur.</b>                | Jun 2020 - May 2021 |
| HSC : 86%                                                      |                     |
| <b>MAXWELL MATRIC HR SEC SCHOOL, Thanjavur.</b>                | Jun 2018 - Mar 2019 |
| SSLC : 84.8%                                                   |                     |

## Skills

- **Hard Skills:** C, C++, Python, HTML, CSS, OOP, Data Structures, Algorithms, Machine Learning, AWS, MS PowerPoint, Excel, GitHub.
- **Soft Skills:** Problem Solving, Teamwork, Communication.

## Projects Experience

### NEOMAT

- Developed a foot-shaped mat using AI and machine learning to analyze pressure with 95% accuracy.
- Collected and processed datasets for model training.
- Developed control algorithms for devices using C++ on Arduino.

### To-Do List [HTML, CSS, JavaScript]

- Created an interactive To-Do List application.
- Implemented task management features using JavaScript.
- Utilized HTML and CSS for a user-friendly interface.
- Enabled local storage for task persistence.

### Simple Chat-Bot

- Built an intelligent agent using Gemini API for query understanding.
- Integrated Weather and Stock APIs for dynamic response generation.
- Hosted the application using FastAPI with Swagger UI support.

## Certification

- **AWS Cloud Practitioner** - AWS.
- **Data Visualization** - Forage.
- **Getting Started with Python** - Coursera.
- **Front-End Development-HTML** - Great Learning.
- **Introduction To MongoDB** - Skillup.

## Achievements

- First runner-up in the Intelligent Innovators Hackathon (I2H) 2.0.
- Selected for the 'PEC HACKS' Hackathon at Panimalar Engineering College.
- Patent Published (Application under review) - NEOMAT.
- Completed 100+ problems on LeetCode.