Swetha R *M.Sc Software Systems (Integrated)*

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 https://github.com/Swetha-ramasamy 🔗 https://www.linkedin.com/in/swetha-R

 https://leetcode.com/u/20MSS049_Swetha/

Profile

Software student passionate about mastering new technologies and possessing problem-solving skills, dedicated to adapting swiftly to new challenges. Enthusiasm drives to excel in diverse project domains, delivering with precision and punctuality. With a keen thirst for knowledge, eagerly embrace every opportunity to learn and innovate.

Education

M.Sc Software Systems (Integrated)
Coimbatore Institute of Technology,
2020 – 2025 | Coimbatore, India
  CGPA - **9.35** (upto 7th semester)

HSSC
Chandra Matric.Hr.Sec School
2020 | Coimbatore, India
  Percentage - **87%**

SSLC
Chandra Matric.Hr.Sec School
2018 | Coimbatore, India
  Percentage - **97%**

Projects

Fire Fighting Robot - IOT
- Arduino and NodeMCU (ESP8266) based firefighting robot detects flame within a range
- Alert notifications are sent to the users using Blynk when flames are detected.

Handwriting Analysis - Python, Tkinter
- An automated system to predict personality traits from handwritten text.
- Leveraging graphology principles and feature extraction techniques.

Tutee Monitor - C and Data Structures
- Maintains student records in a linked list, incorporating stack operations for redo and undo.
- Employing bubble sort for ranking and linear search for blood group inquiries.

MyPortfolio - ReactJS 🔗
- A front-end application that provides detailed information about me, my projects, and my areas of interest.
- It also integrates EmailJS for seamless communication.

Professional Experience

K S Globals
Project Trainee - Flutter developer
Jun 2023 – Nov 2023 | Coimbatore, India
- Developed an Admin panel for an ECharging private company, seamlessly integrating backend and frontend functionalities to manage charge stations, points, vehicles, and user accounts.
- Implemented CRUD operations and enhanced user experience by creating a user-friendly UI.

SAMSUNG - PRISM
Python intern
Aug 2023 – Feb 2024
- Worked as a team to develop a python based GUI tool to aid time KPI measurement of android solutions.
- Parsed the android logs and calculated time between entry and exit points – End-to-End and individual components.

Skills

Programming Languages: C, C++, Python

Web Development: HTML, CSS, Java Script, PHP, ReactJS

Database: MySQL, Firebase, MongoDB

Mobile Application: Flutter

Areas Of Interest

- Web Development
- Data Structures And Algorithms
- DataBase Management Systems
- Internet Of Things

Achievements

Front End Hackathon - FOSS (Second place)

Game Of Codes - FOSS (Third Place)

Certificates

HackerRank - SQL: (11/2022)

Kaggle - Data Cleaning: (11/2022)

Solo learn - HTML, PHP, Python: (06/2021)