Madhumithraa T S

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in Madhumithraa T S

OBJECTIVE:

Organized and hard-working computer science student aspiring to secure an internship/full-time position in software engineering. Looking forward to apply my academic knowledge, technical skills, and problem-solving abilities to contribute to organizational success while fostering personal and professional growth.

EDUCATION:

- B.Tech in Amrita Vishwa Vidyapeetham   2023-2027
  Amrita School of Computing, Amrita Vishwa Vidyapeetham, Coimbatore.(Current)
  CGPA: 8.52/10 (upto 4th Semester)
- AISSCE (12th)   2022-2023
  Stream/ Subjects: Mathematics, Physics, Chemistry, Biology, English
  Sri Chaitanya School, Coimbatore.
  Marks / Percentage: 451/500 (90.2%)
- AISSE (10th)   2020-2021
  VAV International School,Udumalpet.
  Marks / Percentage: 472/500 (94.4%)

TECHNICAL SKILLS:

- Language : Python, Java, C
- DBMS : MySQL
- Web Development : HTML, CSS, JS
- OS : Linux (Linux Commands)
- Office Ware : MS Powerpoint, MS Word
- Data Structures and Algorithms

PROJECTS:

1.) **Tourisim Management System:**
   About : The Tourism Management System is a web-based application designed to streamline the process of exploring, booking, and managing tourism-related services. This system offers an intuitive user interface and interactive functionalities for users and administrators.
   Technology: HTML, CSS , JavaScript

2.) **Temperature Based Fan Speed Control:**
   About: An Arduino-based system that reads temperature data and controls fan speed based on temperature thresholds. Uses dynamic memory for storing readings and bitfields for speed control. Logs real-time data via serial communication. Ensures proper memory management and cleanup.
   Technology: C, Arduino

AREAS OF TECHNICAL INTERSEST:

- Software Developement
- DBMS
- HTML, CSS, JS
- Data Structures and Algorithms