SRINIDHI M

STUDENT

CONTACT

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Bengaluru, Karnataka

Linkedin

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Amrita Vishwa Vidyapeetham, Bengaluru Campus
2022-2026

CGPA: 8.29

12th Grade-CBSE

Sri Chaitanya PU College, Bengaluru, Karnataka

2020-2022

Percentage: 83%

10th Grade-CBSE

Sri Chaitanya Techno School, Bengaluru, Karnataka
2020

Percentage: 87.8%

TECHNICAL SKILLS

Java (Intermediate)
C++ (Basic)
C (Intermediate)
Python (Basic)
HTML (Intermediate)
CSS (Intermediate)
MySQL (Basic)
NLP
ML

SOFT SKILLS

Communication
Time Management
Teamwork
Leadership
Problem-solving

LANGUAGES

English
Hindi
Tamil
Kannada

HOBBIES

Dance
Music
Sports
Photography

PROFILE

A collaborative professional with a strong commitment to continuous learning and development. I excel in team-oriented environments and consistently seek to enhance my skills and knowledge.

PROJECTS

CureFinder - A Health Assist for Disease Prediction

- Developed a web application using machine learning to analyze user-reported symptoms, providing personalized diagnostic insights.
- Integrated appointment scheduling for doctor consultations, showcasing skills in machine learning, web development, and UI design.

Interactome: A Platform for Comprehensive Drug-Drug Interaction Analysis

- Developed a platform to assess drug-drug interactions using a Trie Data Structure, analyzing cellular pathways and interactions.
- Enabled identification of side effects and safer drug combinations, demonstrating skills in data structure implementation and interaction analysis.

SynchroLearn: Master Deadlock and Synchronization Through Interactive Learning

- Developed an interactive tool for visualizing deadlock and synchronization algorithms, using HTML, CSS, and JavaScript.
- Included real-time simulations of key algorithms to improve understanding of resource management and deadlock resolution.

An Implementation of an Automatic Washing Machine Control System using DFA

- Implemented a DFA model to optimize washing machine efficiency, modeling washing cycles as adaptable states.
- Improved reliability and performance by managing all possible states and transitions based on variables like stain intensity and load size.

INTERNSHIP

C++ & Data Structures Internship
(Virtual) - Internship Studio

20th June, 2024 - 25th July, 2024

ACHIEVEMENTS

- Participated in the Smart India Hackathon (SIH), applying problem-solving and technical skills.
- Conducted events for school students as part of the Amrita Center for Entrepreneurship (ACE).
- Mentored 8th-grade students during the Byte Battle Hackathon at Harvest International School, fostering innovation and teamwork.

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