AIYYAPPAN RAMAKRISHNEN

CONTACT

9385950601

aiyyappan.161203@gmail.com

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EDUCATION

AMRITA SCHOOL OF COMPUTING

Computer Science Engineering

- Currently pursuing **2022 -2026**

SRI CHAITANYA SCHOOL

- Class 12 **2020-2022**
- 89%

SRI CHAITANYA SCHOOL

- Class 10 **2017-2020**
- 92%

SKILLS

- C++, Python , Html , CSS , Verilog, ARM cortex M4, Embedded C

FRAMEWORKS

- ARM, Pandas, Jupyter Notebook, Scikit learn , Keil

TOOLS

- VS Code, Github, Ubuntu , Wireshark. Keil 4 , Keil 5

LANGUAGES

- English (Fluent)
- Tamil (Fluent)

PROFILE

A detail-oriented professional with a passion for learning, contributing, and growing within an organization. Possesses strong problem-solving skills, with the ability to collaborate effectively in team environments. Enthusiastic about exploring new technologies and continuously expanding expertise.

PROJECTS

- **Intelligent Node Availability Monitoring System for Internet Cafés**
  - Developed an STM32-based embedded system using ultrasonic sensors to track real-time node availability in an internet café. Utilized sequential sensor logic for accurate occupancy monitoring and efficient resource management.
- **Question Paper Repository System**
  - Developed a web-based question paper repository using XAMPP and MySQL to provide a centralized platform for students and teachers. The system allows students to view past question papers, participate in discussions, and collaborate on academic content. Teachers can upload new question papers, ensuring easy access to study materials.

RESEARCH PAPER

- **A Comprehensive Review of Machine Learning and Deep Learning Algorithms for Fake News Detection (Ongoing)**
  - Currently working on a comprehensive review of Machine Learning and Deep Learning Algorithms for Fake News Detection, analyzing various methodologies, datasets, and accuracy trends.
  - Conducted an extensive literature review to understand generic approaches and the latest advancements.
  - Organized data from multiple research papers to identify the most efficient models and are now focused on developing a hybrid approach combining top-performing models for enhanced accuracy.

AREAS OF INTEREST

ML **Computer Networks**