

ARIMANDA CHAITANYA SRI

LinkedIn:

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Electronics and Communication Engineering student with a strong foundation in embedded systems, microcontroller programming, and digital logic design. Proven ability to collaborate effectively, demonstrated through the successful development of an AI-based pet mood detection system. Strong problem-solving skills showcased in designing a real-time weather monitoring system with RTOS on ESP32. Passionate about hardware development, circuit design, and innovative embedded solutions.

EXPERIENCE

STUDENT, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

- Developed a **weather monitoring system** using **ESP32** and **RTOS**.
- Designed a **web-based home automation system** using **ESP32**.
- Built an **AI system to analyze pet mood** using activity and sound patterns.

EDUCATION

B. TECH ELECTRONICS AND COMMUNICATION ENGINEERING

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

MAY 2027

- Relevant Coursework: Embedded Systems, Digital Logic Design, Microcontrollers, Verilog HDL

TECHNICAL SKILLS

- **Programming:** C, C++, Python, Verilog HDL
- **Embedded Systems:** ESP32, Arduino, RTOS, Xilinx ISE, ModelSim
- **Circuit Design & Simulation:** SPICE, PCB Design
- **Web Development:** HTML, CSS, JavaScript (Basic)

ACTIVITIES

- Volunteered at the various events in SRM University.
- Passionate about reading, drawing, and painting.

SKILLS

- Team collaboration
- Project management
- Problem solving

LANGUAGES

- Telugu
- English
- Hindi