GADIGEPPA TEGGINAMANI

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Objective

Enthusiastic embedded systems and robotics engineer with a strong interest in building real-world tech solutions using IoT, microcontrollers, and digital hardware. Skilled in hands-on prototyping, coding, and system design for impactful applications.

Education

Bachelor of Engineering – Electronics & Communication
Sri Krishna Institute of Technology, Bengaluru
VTU, Belagavi | 2022 – 2026

Skills

C, C++, Python, Arduino, ESP32, Embedded C, PlatformIO, Git/Github, Linux, Verilog

Projects

I2C Protocol on FPGA
-Designed and simulated I2C protocol on FPGA using Verilog for hardware-level communication understanding.

Real-Time Weather Monitoring System
-This project is a real-time weather monitoring system built using the ESP32-C3 and a set of environmental sensors.

Rural Empowerment Web Platform
-Built a web interface to help Tier-3 village youth access higher education and government schemes.

Automatic Parking Gate
-Implemented a smart car parking gate using Arduino UNO and IR Sensors for toll automation.

Achievements

Finalist – **HackVyuha 2025**
Top 20 – **e-Yantra Robotics Competition (IIT Bombay)**
Participant – **Robothon 2K25**

Languages

English, Kannada, Hindi