Sravya

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PROFESSIONAL SUMMARY

EEE graduate with hands-on experience in embedded systems, circuit design, and Arduino-based projects. Skilled in C, Python, MATLAB, and electrical troubleshooting. Quick learner with strong communication and problem-solving skills, eager to contribute to core engineering roles.

SKILLS

- **Programming Languages: C,**Python, Java (Basics)
- **Hands on Experience with:** Electrical Components – Relays, Circuit Breakers, Contractors, Sensors, diodes, transistors, Arduino boards, IR sensors, LCD Modules, 7-segment Display.
- **Communication protocols: UART,I2C,SPI,CAN**
- **Embedded system:** Digital Logic Design, Analog & Digital Comunication
- **Micro controllers:** STM32,Aurdino,8051 micro controller
- **Soft skills :** Verbal & Written Communication, team collaboration, public speaking, presentation skills.
- **Tools** : Multisim,Matlab ,Tableau,GCC compiler, MPLAB, GDB Debugger

EDUCATION

Bachelor of Engineering (Electrical & Electronics Engineering **)** *June 2021 -May 2025*
Rajiv Gandhi University of Knowledge & Technologies , Nuzvid **(RGUKT-IIIT)** **CGPA 6.5/10**

Class 12th - State Board *May 2019 - May 2021*
Rajiv Gandhi University of Knowledge & Technologies ,Nuzvid **CGPA – 6.8/10**

Class 10th - State Board *March 2019*
SNSM.ZPP.High school , karapa **CGPA - 10/10**

PROJECTS

1. Traffic Control System (Matlab Simulation)
- Develoed a simulation – based traffic control system to optimize signal timing and reduce congestion using MATLAB simulink.

2 Image Classification using CNN (Deep learning)
- Built a convolutional neural network model for image recognition tasks, focusing on feature extraction and pattern recognition.

3. Arduino Mini projects
- Implemented sensor interfacing, LCD display, and Morse code using MATLAB.

4. Embedded projects:
- Worked on RTC, 7- segment display, and automation using Arduino and basic components.

5. Autonomous Drone Delivery System
- Simulated autonomous navigation and path planning using Matlab.

6. RF- Based Automatic vehicle speed control

- Developed a traffic-responsive speed control system using RF modules.

ACHIEVEMENTS

- **Got selected for IIIT**
- Class Representative for more than 2 years
- Participated in IEEE paper conference.

CERTIFICATIONS & PARTICIPATIONS

- Embedded Systems internship – Stiqhub EV solutions.
- NPTEL Online Certification Course Sensors and Actuators– Completed through SWAYAM/NPTEL (Funded by MHRD, Govt. of India)
- Community service volunteer certificate conducted by Ignited Mindset Organisation
- Arduino workshop by IIIT Srikakulam ,EEE Department