

# GIRI C

## ELECTRONICS AND COMMUNICATION ENGINEER

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### SUMMARY

Engineering student specializing in Embedded Systems, with practical experience in Python programming, embedded hardware, and industrial automation. Skilled in designing smart solutions and passionate about technology innovation, with a track record in technical competitions and hands-on internships.

### EDUCATION

<b>B.E. ELECTRONICS AND COMMUNICATION</b>	<b>CGPA 7.47</b>
Suguna College of Engineering, Anna University	Pursuing
<b>HSC</b>	<b>68%</b>
Government Higher Secondary School Arasur.	2021-2022
<b>SSLC</b>	<b>70%</b>
Government Higher Secondary School Arasur.	2020-2021

### PROFESSIONAL EXPERIENCE

<b>Electronics Engineer Internship @ Vasantha Advances Systems Pvt. Ltd</b>	<b>Feb 2025 - Mar 2025</b>
• Gained hands-on experience integrating embedded systems and automation solutions in industrial settings.	
<b>Electric and Electronics Instrumentation @ ANNUR ITI</b>	<b>Jun 2023 - Jun 2025</b>
• Gained hands-on knowledge in basic electrical and electronic instrumentation, with a focus on industrial safety protocols, equipment handling, and fault diagnosis.	

### PROJECTS

#### SMART AGRICULTURE SYSTEM

- Developed a smart irrigation system for agricultural fields, designed to adapt based on environmental conditions and the specific moisture requirements of individual crops.

#### SMART SMOKE DETECTION SYSTEM

- Designed a smart smoke detection system with adaptive environmental sensing, integrating gas and air quality monitoring with real-time alerts for industrial and public safety.

### TECHNICAL SKILLS

- Programing - C, Python, HTML, CSS, JavaScript.
- Tools - MATLAB, Multisim, Arduino IDE, Thony IDE.
- Hardware - Microcontrollers, Arduino, Raspberry Pi, ESP32.

### SOFT SKILLS

Active Listening | Strong Communication | Leading a Team | Team Collaboration

### CERTIFICATIONS / ACHIVEMENTS

- [Web Design](#) @ Greta Learning | [HTML](#) @ Great Learning | [CSS](#) @ Great Learning |
- WORLD RECORD - 24 hours CODE RUSH (Python & Problem Solving) ensuring 4<sup>th</sup> place.