

# SRI RAM KUMAR MUDDALA

13-81/1 Penugonda, West Godavari

[muddalasriram@gmail.com](mailto:muddalasriram@gmail.com) ♦ [Linkedin](#) ♦ [Github](#)

## OBJECTIVE

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Ambitious and Accountable graduate, eager to begin an entry level career with an organization which values the relationship and professionalism and that provides scope to upgrade my skills as well as growth of the organization.

## EDUCATION

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**Bachelor of Electronics and Communication Engineering**, Sir C R Reddy College of Engineering. 2024  
CGPA: 8.14.

**Intermediate MPC**, SVKP and PV junior college. 2018-2020  
CGPA: 9.88.

**SSC 10th**, Oxford English School. 2017-2018  
CGPA: 9.7.

## SKILLS

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<b>Programming Skills</b>	Basics of C, Java, Python, Embedded C, Verilog/VHDL, FPGA.
<b>Tools/Platforms</b>	Xilinx Vivado, Questasim, Keil uvision, Arduino.

## EXPERIENCE

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**Embedded Engineer** - Platinum Technologies, Hyderabad july 2024-Still Date

- Currently working on project " Cable Harness Tester" to detect wiring faults and continuity issues, ensuring high-quality manufacturing standards for electrical cables.

## INTERNSHIPS

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**Electronic Circuit Analysis Intern** - Electro Wave Technologies, Hyderabad july 28, 2022

- This internship is very helpful in analyzing the electronic circuits. I learned many things about testing and using of various instruments. I can able to build a Test and verify the circuit parameters.

**VLSI Front End RTL Design Intern** - BIST Technologies, Vijayawada September 11, 2023

- This internship is a crucial thing for me, it involves modelling of an hardware unit using hardware description languages like Verilog and VHDL.

## PROJECTS

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**Identify Friend or Foe (IFF) system:** In military operations, distinguishing between friendly and enemy forces is critical to ensuring safety and operational success. Friendly fire incidents have historically led to unnecessary casualties, operational delays, and diplomatic complications

**Improvised Explosive Device (IED) and 433 MHz Frequency Message Jammer :** A 433 MHz jammer works by emitting a radio frequency signal on the same frequency (433 MHz), thus overwhelming or "jamming" any legitimate communication occurring on that frequency. When activated, the jammer can disrupt the signals being sent to the IED, preventing the detonation from occurring..

**Cable Harness Tester:** A cable harness is a collection of wires, connectors, and terminals bundled together for the purpose of transmitting electrical signals or power. During manufacturing, faults can occur due to various reasons, such as incorrect wire routing, damaged wires, or poor connections. These faults can lead to costly failures and safety hazards if not detected early.