

# NARAYANASETTI SIREESHA

Vizianagaram ,Andhra Pradesh

☎ +91-9392717238

✉ [nsireesha2004@gmail.com](mailto:nsireesha2004@gmail.com)

🌐 [Linkedin](#)

🐙 [Github](#)

## CAREER OBJECTIVE

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Seeking an entry-level position as an Embedded Engineer, where I can leverage my analytical and technical skills. I am eager to contribute to the company's growth while continuously enhancing my knowledge and skills in a dynamic and supportive environment.

## EDUCATION

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**Rajiv Gandhi University of Knowledge Technologies**

**2021 – 2025**

*B.Tech - Electronics and Communication Engineering - CGPA - 8.85*

*Srikakulam, Andhra Pradesh*

**Rajiv Gandhi University of Knowledge Technologies**

**2019 – 2021**

*Pre University Course - CGPA - 9.29*

*Srikakulam, Andhra Pradesh*

**Zilla Parishad High School Mandarada**

**2018 – 2019**

*SSC - CGPA - 10.0*

*Srikakulam, Andhra Pradesh*

## EXPERIENCE

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**C++ Intern at Internpe** [🔗](#) | [C++](#)

**May 2024 - June-2024**

- Developing games using C plus plus.
- Work on real-world software projects to apply our theoretical knowledge.
- Developed efficient code and enhanced coding skills through real-world applications.

**Embedded Systems Intern at IGM** [🔗](#) | [C++](#)

**May 2024 - June-2024**

- Developed custom symbols and footprints.
- Used 3D Viewer for PCB design verification.
- A small project on Buck Converter.

## PROJECTS

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**IOT Based Health Monitoring System Using ESP-32 Webserver** [🔗](#) | [C](#)

**July - 2024**

- IoT-Based Patient Health Monitoring System Developed a real-time health monitoring system using ESP32 Web Server to track heart rate, body temperature, and oxygen saturation via biomedical sensors. Enabled remote data access through Wi-Fi and implemented alerts via email/SMS for abnormal parameters. Designed for scalability, cost-effectiveness, and applications in hospitals, home care, and remote areas.

**Light Automation Using Bidirectional Visitor Counter** [🔗](#) | [Embedded C](#)

**Dec - 2023**

- \* The concept behind this project is to cut power supply when there is no one in the room, thus reducing energy consumption ,and also we have to save the power in future generation.

**Controlling Dual Axis Solar Panels with Arduino** [🔗](#) | [Embedded C](#)

**July - 2023**

- \* The main theme of this project is we have to save the power by using soloar pannels. The panels are designed to track the sun's movement in two directions, which allows them to capture more sunlight throughout the day. By controlling these panels using Arduino, we can optimize their performance even further. So, We have to consume more power by using sun.

**I2C Communication using Arduino** [🔗](#) | [Embedded C](#)

**Feb - 2023**

- \* The primary focus of this project involves connecting an Arduino to an LCD display using I2C communication to showcase text on the LCD.

## WORKSHOPS

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- I participated in EMBEDDED SYSTEMS workshop hosted by Sense Semiconductors and IT Solutions.
- I participated in the Discovering Drone Innovations workshop hosted by TiHAN IIT Hyderabad.
- I participated in the workshop "AI for Students: Build Your Own Generative AI Model" conducted by AI expert and IIT Delhi alumnus, Mr. Trivikrama.

## SKILLS

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**Programming:** C,Python C++

**Electronics:** Embedded Systems, IOT, MicroProcessors(8085,8086), Microcontrollers(8051,ARM, PIC),Power Electronics,Analog and Digital Electronics,Arduino,ESP-32,RTOS

**Tools:** Orcad,PSIM,TinkerCad, KiCad, Matlab, Xilinx

**Soft Skills:** Problem Solving,Creative,Innovative,Communication,Leadership,Team Management

## CERTIFICATIONS

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- Embedded Systems - Ignited Minds Organization
- Foundation course on Embedded C programming using STM32 Microcontroller - UDEMY
- C Programming in Great Learn
- C++ in Skillup by Simplilearn

## ACHIEVEMENTS/AWARDS

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- \* In 10th grade, I achieved a 10 CGPA and was awarded a Gold Medal. Additionally, I received a generous cheque of 15,000 from the Dr. Reddy's Foundation.
- \* I took cash prize in 9th class in Mandal level Essay Writing Competitions by GMRIT Foundation.

## LANGUAGES

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- ENGLISH
- TELUGU
- HINDI

## DECLARATION

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- I hereby declare that the above information is true and correct to the best of my knowledge and belief.