G GANESHA

Graduate , Electronics and Communication Engineer

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OBJECTIVE

"To begin my professional journey as a fresher graduate in an organization that values innovation, where I can apply my skills in software and hardware domains to develop efficient, smart, and impactful engineering solutions."

EDUCATION

Bachelor of Engineering **(Electronics and Communication Engineering)** **2021 - 2025**

Nagarjuna College Of Engineering And Technology (CGPA-9.1)

PUC(PCMB) **2019-2021**

Vishwamanava Composite PU college (95.8%)

SSLC **2019**

Sasya Shyamala English Medium High School **(88.32%)**

SKILLS

- Python, JAVA, PCB Design, SQL(Basics), Digital Electronics, Circuit Design
- Tools : VS Code, Kicad, Github

EXPERIENCE

Yuvipep Pvt.Ltd Jun 2025 – Present

Research and Development Engineer intern

- Worked on R&D projects related to electronics and product development.
- Conducting advanced research on iot-based systems to enhance product efficiency.
- Designing, prototyping, and testing embedded system solutions for various applications.

Bharat Electronics.Ltd - Internship Dec 2024-Mar 2025

Study on Advance Defence Systems and Navy

Aprameyah Technologies Pvt.Ltd - Internship Oct-2023

Python GUI Development and Micropython

Technical Hub Pvt.Ltd - Internship Dec 2022–Feb 2023

Python Programming and Apllication Development

PROJECTS

Smart Precision Farming

Smart precision farming integrates sensors like NPK, humidity and temperature sensors with cloud platforms such as ThingSpeak to monitor and optimize farm conditions. Data from these sensors is uploaded in real time for remote analysis and decision-making. On-site LCD displays provide immediate feedback, while the cloud platform offers long-term insights and alerts. This system enhances resource efficiency, crop health, and overall farm management.

Face Detection and Recognition for Criminal Identification System

Developed a Python based system using ML and facial recognition to identify criminals through CCTV surveillance for faster and more accurate detection.

Automatic Temperature Controller for Poultry Farming using Arduino

Designed and implemented an Arduino-based system to automatically monitor and regulate temperature in poultry farms.

Robotics

Extensive experience in the design, construction, and competition of autonomous robots, specializing in racing bots, line-following bots, and robotic soccer bots.

CERTIFICATIONS

- Workshop On “Applications Of Embedded Systems Using Ardunio Microcontroller” from DigiToad Technologies
- “Online Internship Programme On Machine Learning with Python” by Sri Shasha Prayathi Technologies Pvt.Ltd
- NPTEL Certification on “Cloud Compting”
- PCB Designing using Kicad by COURSERA
- Global Jury Cerificate for Entrepreneurship (venture-Tastybytes) from wadhwani Foundation
- “Startup Challenge Event” by Seventh Sense Talent Solutions(UNDP)
- Techfiesta-2K22(NCET, Bangalore)
    1. Technical Poster Presentation
    2. Mini Project Exhibition(“Line Follower Robot”)

LANGUAGES

- English, Kannada, Telugu

HOBBIES

- Editing ,Hiking, Drawing ,Melophile