GOGULA THRIVENI

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EDUCATION

- **Annamacharya Institute Of Technology and Sciences** — *2024*
  Btech Electrical and Electronics Engineering — 8.15 CGPA

- **Sri Chaitanya Junior College** — *2020*
  Intermediate MPC — 8.84 CGPA

- **Adarsha High School** — *2018*
  Class X — 9.8 CGPA

INTERNSHIP

- **Real Time Application in Machine Learning using Python** — *10/2022 - 11/2022*

  - I successfully completed a 1-month internship at CUBIT TECH SERVICES from 31st October to 30th November 2022. During this time, I worked on the project "Real-Time Application in Machine Learning using Python," gaining experience in developing machine learning models, analyzing data, and collaborating with a team.

- **Designing and Developing IOT Solutions for Real-World Problems.** — *03/2023 - 04/2023*

  - I successfully completed a 1-month virtual internship in IoT solutions, where I gained practical experience in designing, testing, and validating IoT systems using sensors and microcontrollers. I also developed collaborative teamwork and problem-solving skills while addressing real-world challenges.

PROJECTS

- **Performance Enhancement of Photovoltaic Solar Panels by a Cleaning Robot** — *May 2024*

  * This project uses an Arduino to monitor solar panel performance and control a cleaning bot. The Arduino collects data from current and voltage sensors to track the panel's output and uses motors to drive the cleaning bot, which removes dust. A NodeMCU allows remote monitoring through a web server, and an IP camera provides live video of the panel and cleaning process. This system improves solar panel efficiency with automated cleaning and real-time monitoring.

TECHNICAL SKILLS

- **Python**
- **Basics of Java**
- **Scripting Languages**: HTML , CSS
- **Database**: SQL Server

SKILLS

- **Ability to work in a team**
- **Effective Time management**

CERTIFICATIONS

- **Certification in Internet Of Things by NPTEL.**
- **Certificate on Autocad Electrical by Power Integrated Solutions.**
- **Certification in VLSI by 1Stop.in**
- **Certification in Solar PV Plant Design by SkillDzire.**

LANGUAGES

- **English**
- **Telugu**
- **Hindi**