Venna Sri Anjani | *Enthusiastic| Quick Learner| Self-Motivated*

✉ Srianjani.9704@gmail.com | 📞 +91-9704830975 | Linkedin:- Linkedin Profile

OBJECTIVE

Passionate about Continuous Learning and Strong Problem-Solving Skills with a Focus on Developing Innovative Solutions to Technical Challenges.

TECHNICAL & SOFT SKILLS

- **Programming Language**: Python

- **Frontend Technologies & Database:** HTML, CSS, JavaScript, Bootstrap, ReactJS, MYSQL
- **Tools & Skills**: Git, **basic CI/CD** with **GitHub Actions,** VS code, Networking, Virtualization
- **Microsoft Office Suite:** Excel, PowerPoint, Word
- **Detail-Oriented & Problem-Solving:** Strong analytical and troubleshooting skills
- **Verbal & Written Communication:** Presented technical projects and prepared detailed reports.
- **Virtual Collaboration:** Used Microsoft Teams, Zoom, and Google Meet for remote teamwork

EDUCATION

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY   Sep 2022 -Apr 2025
Bachelor of Technology in Electrical & Electronics Engineering

DVR & Dr. HS MIC COLLEGE OF TECHNOLOGY   June 2019 - Mar 2022
Diploma in Electrical & Electronics Engineering

PROJECTS

Surveillance Camera Using IoT: Role-Team Lead
- **Designed and implemented** a real-time surveillance system using IoT technologies for enhanced security monitoring.
- **Pre-processed image and video data** to enhance detection accuracy using **data augmentation and feature extraction techniques**.
- Utilized **Python and OpenCV** for motion detection and **data filtering** to reduce false alarms. Implemented **real-time alerts and notifications**, ensuring effective security monitoring.

Smart Power Grid Fault Detection and Prediction System Using AI:- Role-Team Lead
- **Led a team of four** in developing an **AI-based fault detection system** for power grids, integrating IoT-enabled sensors and **machine learning algorithms** to predict failures. Mentored team members in data preprocessing, model selection, and deployment strategies, ensuring smooth collaboration and knowledge sharing.
- **Designed and implemented** an **ETL pipeline** to automate data extraction, transformation, and storage, enhancing system efficiency by 40%. Debugged and optimized Python scripts for sensor data analysis, reducing false alarms by 30% using advanced filtering techniques.
- **Conducted rigorous testing** of AI-based fault detection algorithms, ensuring reliability and accuracy in identifying grid faults.

CERTIFICATIONS

1. **Python Programming, Code Fobe**   3. **Embedded Systems Design,** NPTEL
2. **IT Essentials: PC Hardware and Software,** Cisco-Networking Academy

INTERNSHIPS

1. **AI-ML,** AICTE- EduSkills (10 weeks)
2. **Cybersecurity virtual internship,** AICTE-EduSkills(10 weeks)