# OBJECTIVE

LAYA KOMARAMJERI

P: +91 6305737979 | [layakomaramjeri@gmail.com](mailto:layakomaramjeri@gmail.com)

<https://www.linkedin.com/in/layakomaramjeri>

Tirupati, Andhra Pradesh-524121

As a recent entrant, I aspire to inject a fusion of innovation and strategic thinking and embrace new

challenges with a resilient spirit. Through a commitment to continuous learning and by leveraging my skills,

I actively engage in fostering the growth of the organization.

# EXPERIENCE

**Satish Dhawan Space Centre, SHAR - ISRO Sriharikota, Sullurpeta**

**Project Trainee Dec 2023- Present** Title: Implementation of CFAR algorithm for tracking radars using MATLAB

Relevant Coursework: Study of RADARs, C, MATLAB Simulation

# EDUCATION

**Sri Padmavati Mahila Visvavidyalayam Tirupati, Andhra Pradesh**

**Bachelor of Technology Dec 2021- Apr 2024** Major in Electronics and Communication; Minors in Computer Science

Cumulative GPA: 9.0/10.0

Relevant Coursework: VHDL, MATLAB, Software Engineering, Operating Systems

**Sri Padmavati Women’s Polytechnic Tirupati, Andhra Pradesh**

**Diploma Jun 2018- Oct 2021** Major in Electronics and Communication

Cumulative GPA: 9.7/10.0

**Teja High School Sullurpeta, Andhra Pradesh**

**SSC Jun 2017- Apr 2018**

Cumulative GPA: 9.7/10.0

# TECHNICAL SKILLS

# Programming Languages: C, Python

# Web Technologies: HTML, CSS, JavaScript

# Database: MySQL

# Software: MATLAB

# CERTIFICATIONS

# Cisco certified network associate (CCNA) M1 – Introduction to Networking.

# Certified python programmer offered by Meta through Coursera platform.

# Certified on IoT and Embedded systems offered by University of California from Coursera platform.

# Certified practitioner of Fiber Optic Communication Technology offered by IIT Madras which was

# governed by government initiated technical portal Swayam

# PROJECTS

# Project 1:

Project Title**:** Snake Hissing Sound Detection

# Brief Summary:

# Driven a strategic solution to mitigate the snake bites by detecting the hissing sound of

# snake by virtue of Embedded systems via Arduino IDE software. This type of project can have various

# applications, including wildlife monitoring, snake detection in specific environments and as a safety

# measure in areas where venomous snakes are a concern.

# Project 2:

Project Title**:** Automatic Street Light

# Brief Summary:

# With persistent effects formulated a responsible solution to prevent the electricity. Project

# involves designing a system that controls the operation of street lights based on external factors such as

# ambient light conditions or the presence of vehicles or pedestrians.

# INTERNSHIPS

# FRONT END DEVELOPMENT

With consistent efforts deployed a responsive and high-yielding clone website by making use of

Web technologies HTML, CSS, JavaScript as a part of internship from Edunet foundation applied through

the government-initiated internship portal AICTE.

# internet of things

Developed IoT based applications and had learnt to configure Arduino UNO and ESP32 and

Node MCU. Got familiarized with Tinker cad website and gained knowledge to use Arduino IDE from

Lomaa IT Solutions.

# PYTHON PROGRAMMING

Transformed the knowledge into results-driven programs as a beginner level Programmer and

gained knowledge on OOPs concepts from government-initiated platform APSSDC

# ACCOMPLISHMENTS

* A passionate athlete secured 3rd position under IPSGM district level summit.
* Participated & won a certificate in Quiz held by SHAR, ISRO.
* Proactive in organizing college level technical events and seminars.

# DECLARATION

I hereby declare that the above-mentioned information is correct to the best of my knowledge and I take full responsibility for the correctness of the information.

Place: Tirupati

Date: (Laya Komaramjeri)