

SWETHA JIVIREDDI

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CAREER OBJECTIVE

” As an Electronics and Communication undergraduate with strong passion for software and hardware engineering, my dedication and internship experience have prepared me well for this field. I’m excited to develop my career, skills and contribute to the organization with excellence.”

SKILLS

Programming Languages: C, Python, Java

DataBase: SQL

Web Technologies: Html, CSS

Tools and Platform's: VS Code, Github, Power BI

Soft Skills: Communication, Adaptability, Teamwork, Problem-Solving

ACADEMIC PROFICIENCY

Vignan's Institute of Engineering for Women

Electronics and Communications Engineering- 7.5 (till now)

July 2023– Pursuing

Duvvada, Visakhapatnam

Government Polytechnic for Women

Electronics and Communications Engineering- 90%

June 2020– March 2023

Bheemunipatnam, Visakhapatnam

Z P High School

SSC- 98%

June 2019– March 2020

Paravada, Visakhapatnam

INTERSHIPS AND TRAINING

Indo-German Institute of Advanced Technology

IOT with ML

April 2025– June 2025

[Internship]

Excelr

Python/Python Django

May 2024– July 2024

[Internship]

PROJECTS

Health Monitoring Unit with Power BI Data Analysis Dashboard | *ArduinoIDE, Power Bi* | [\[Link\]](#)

- **Problem** : Health issues are arising due to environmental conditions in many areas..
- Developed a health monitoring system that captures real-time physiological data and visualizes it using Power BI to identify trends, detect abnormalities, and support better decision-making for health awareness.

Personal Portfolio Website | *HTML, CSS* | [\[Link\]](#)

- Created a responsive personal portfolio website to represent my professional profile, including skills, projects, certifications, and achievements.

Smart Street Light using IOT | *ArduinoIDE, Blynk* | [\[Link\]](#)

- **Problem** : Street lights can waste energy by remaining on during daylight hours or when not needed..
- Designed an IoT-based smart street lighting system that automatically adjusts lighting based on environment conditions, reducing unnecessary power usage and enhancing public safety.

LANGUAGES KNOWN

- Telugu, English

AWARDS AND HONORS

- Successfully Completed NPTEL course in Programming in C which is conducted by IIT Kanpur.
- Successfully Completed course of Basics of Python in InfosysSpringBoard.
- Completed course of Python Essentials I in Cisco Network Academy.
- Passed the HackerRank skill certification tests.i.e, Python(basic),Problem solving (basic),SQL(basic).
- Serving as a Crt Student Coordinator in Vignan college.