

LAKSHMI SOWJANYA MUTHA

Andhra Pradesh

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🌐 [Mutha Lakshmi Sowjanya](#) 🌐 [Sowjanyamutha](#)

PROFILE

A dedicated and proactive engineering student eager to secure a challenging role in a reputable organization. Committed to applying my academic knowledge and practical skills to contribute effectively to the success of the company. Seeking opportunities to grow professionally while making a meaningful impact through innovative solutions and teamwork.

EDUCATION

National Institute of Technology, Andhra Pradesh <i>B.Tech - Electronics and Communication Engineering - 7.61 till fifth sem</i>	2021 - 2025 <i>TPG, Andhra Pradesh</i>
Sai Junior College <i>Intermediate - 98 percent</i>	2019 - 2021 <i>Velivennu, AP</i>
Jawahar Navodaya Vidyalaya <i>10th Standard (CBSE) - 95 percent</i>	2014 - 2019 <i>Pedavegi, AP</i>

SKILLS

Programming Languages: C++(basics), Python, MATLAB

Skill Set: Data Structures & Algorithms, DBMS

Web Technologies: HTML, CSS, JavaScript, MEAN stack

Frameworks and Tools: Angular, Bootstrap, MongoDB, Postman, Git/GitHub, VS Code

ECE-Specific Skills: Digital Signal Processing, VLSI Design, Microcontrollers, Embedded Systems, Circuit Analysis, Communication Systems

Software Tools: MATLAB/Simulink, Xilinx ISE

PROJECTS

IOT Bidirectional Visitor Counter using ESP8266 📄 Aurdino	April 2023
<ul style="list-style-type: none">Developed an IoT Bidirectional Visitor Counter using ESP8266 to accurately monitor entry and exit of visitors.Enabled real-time data collection and remote monitoring for improved visitor management.	
ECE-Chatbot 📄 Python, TensorFlow, Flask	May 2024
<ul style="list-style-type: none">A retrieval chatbot using TensorFlow, Flask, NLP, and deep learning techniques.Achieved accuracy leveraging advanced deep learning models.	
Personal Portfolio Website-Responsive 📄 CSS, HTML, JavaScript	June 2024
<ul style="list-style-type: none">Developed responsive web design principles and ensuring margins for optimal layout across different devices.Used CSS, HTML, JavaScript	

INTERNSHIP

MalDsAi Technologies 📄	May 2024 - Ongoing
<i>Web Development Intern</i>	
<ul style="list-style-type: none">Developed and optimized web applications using HTML, CSS, JavaScript, and Angular.Collaborated with a team of developers to implement new features and enhancements, ensuring responsive design and user-friendly interfaces MalDsAi Technologies.	

CERTIFICATIONS

- Data Base Management System - NPTEL
- Mastering Data Structures and Algorithms - Udemy
- Responsive Web Design - FreeCodeCamp

EXTRACURRICULAR

ECE Association

2022-23

Executive Member

Tadepalligudem

- Contributing to organizing technical events and enhancing departmental initiatives. Collaborated with peers to promote a culture of innovation and learning within the ECE community

The ECE Herald

2022-23

Editor

Tadepalligudem

- Orchestrated the editorial process for the newsletter, verifying and organizing articles from diverse groups to meet deadlines, ensuring a seamless workflow for designers, and maintaining the newsletter's high standards.

PRMO -2019

- Regional Maths Olympiad