



Medishetty Medhansh

Roll No.: 22EEB0A51

B Tech

Electrical and Electronics Engineering

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🌐 LinkedIn Profile

EDUCATION

- National Institute of Technology, Warangal** 2022-26
B Tech in Electrical and Electronics Engineering CGPA: 6.3
- Sri Chaitanya Junior College, Narsingi, Hyderabad** 2020-22
Board of Senior Secondary Education, State Percentage: 96.1
- Sri Chaitanya Techno School, Hyderabad** 2020
Board of Secondary Education, State CGPA: 10

EXPERIENCE

- Defence Research and Development Laboratory, DRDL** Jun 24 - Aug 5
Industrial Training Intern Hyderabad
 - Role: Implemented PSpice for high-precision circuit simulations, resulting in a 20% improvement in design accuracy and a 35% reduction in prototype development time, significantly boosting reliability and operational efficiency.
 - Achievements: Led a team in executing precise calculations and installing an earth pit for grounding systems, ensuring safety, operational efficiency, and compliance with industry standards, reducing potential hazards by 25%
- National Institute of Technology, Warangal** Apr 24 - Jun 24
Research Intern Warangal
 - Project: Comparative Analysis of 400V and 800V Batteries in Electric Vehicles
 - Simulated and analyzed the performance of batteries using MATLAB, contributing valuable insights into the field of electric vehicles.
- Personify, 1Stop** Jan 24 - Feb 24
Artificial Intelligence Intern Online
 - Acquired foundational AI knowledge and executed 3 significant AI-based projects, including text classification, pet face classification, and landmark detection.

PERSONAL PROJECTS

- Website Navigation System** Sep 23 - Nov 23
Developed a Python-based navigation system prototype to improve user experience on the college website.
 - Tools & Technologies Utilized: Implemented sklearn, Transformers, nltk, and sqlite3 to enhance data processing and modeling capabilities.
- Battery Comparison in Electric Vehicles** Mar 24 - Jun 24
Conducted an in-depth research project to compare the 400V and 800V batteries in electric vehicles.
 - Harnessing the Internet and IEEE research papers alongside MATLAB for robust data analysis, ultimately enhancing model precision by 25% and reducing error rates by 15%

ROLES AND RESPONSIBILITIES

- Chair – IEEE PES SBC, NIT Warangal** 2024–2025
Organizing technical talks, member engagement, and IEEE event coordination.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python

Developer Tools: MATLAB, PSpice, POWER BI, AutoCAD, SQL

Frameworks: Machine Learning- Beginner

Coursework: Data Structures and Algorithms in C++

Soft Skills: Focused, Research, Team Work

WORKSHOPS AND TRAINING

- Workshop on Artificial Intelligence at EDU Fabrica, IIT Hyderabad (Offline)** 7, 8 Oct 2023
Engaged in a rigorous two-day workshop, acquiring advanced insights and techniques in AI.
- Training in Artificial Intelligence at Wissenaire, IIT Bhubaneswar (Online)** Jan 24 - Mar 24
Participated in two months of training focused on AIML Basics.