MACHERLA SRIHARI

BTech in Electrical Engineering

Indian Institute of Technology Tirupati, India

Linkedin: SrihariMacherla.
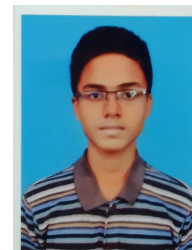
Education Details

Program	Institute	Year	%/CGPA
Bachelor of Technology	IIT Tirupati	2025	8.55/10
Senior Secondary Education	Narayana Junior college Renigunta	2021	95.7%
SSC(A.P)	Sun Rise E.M. High school	2019	10/10

Areas of Interest

- Web development, Machine learning, Data Analytics and Signal Processing

Skills

Programming Languages	:	C, Python, C++, JavaScript, Verilog, HTML and CSS
Hardware Platforms	:	VHDL(ModelSim),Tina TI, Logisim, other hardware platforms
Softwares/Tools	:	MATLAB, Visual Studio, LaTeX, Scikit Learn, MatplotLib, numpy

Projects

- **Cifar 10 image classification**
  - Proficiently classified CIFAR-10 dataset images using Convolutional Neural Networks (CNNs) to achieve accurate multi-class categorization. TechStack used: numpy, matplotlib, scikit-learn. link.

- **Movie website cloan**
  - A movie listing website using Fetch API from the website https://www.themoviedb.org/ This website would fetch data from the website given above using asynchronous Javascript and it displays that data inside in a website using HTML, CSS and Javascript. link

- **Stem Virtual Experience**
  - Effectively completed a comprehensive STEM virtual internship program organized by Deloitte, involving diverse tasks across cutting-edge technologies such as Tableau and Replit. link

Relevant Courses

- Machine Learning
- Signals and Systems
- Linear Algebra
- Digital Systems
- Probability and Statistics
- Science and Technology

Achievements

- **A**warded Best Student Award by the MLA of Constituency for academic excellence.

Positions of Responsibility

Core member of GCU-IIT Tirupati [May '23 - April '24]

- As a core member and Head GCU of EE raised budget of 1,15,000/- rupees and Organized various interactive seminars and more.

Hobbies and Interests

- Playing Badminton,cricket and watching motivational videos