

EDUCATION

Degree	Specialization	Institute	Year	CGP
B.Tech	Computer Science & Engineering	University College of Engineering JNTUK	2021-2025	8.32
Intermediate	Physics, Chemistry, & Mathematics	Chaitanya College	2019-2021	9.74

INTERNSHIPS

- **Machine Learning Intern (Human Activity Recognition)** [Elevate Labs] [Link](#) Apr–Jun 2025
 - Developed a **MobileNetV2 CNN** using TensorFlow, achieving 94% accuracy in classifying 15 human activities, enabling real-time webcam predictions for 500+ users.
 - Built a Flask web app with **HTML/CSS/JS**, supporting 100+ daily image uploads and live video inputs, using **OpenCV** and scikit-learn to reduce processing time by 20%.
- **Cyber Security Intern (Vulnerability Assessment Tool)** [DevTown] [Link](#) Jan-Mar 2024
 - Programmed a **Python-based tool** automating **Nmap** scans and NVD API queries, identifying 50+ vulnerabilities across 10 networks, generating **JSON/text** reports.
 - Applied **ethical hacking** in a lab, optimizing for Windows-based scans with **subprocess** and **XML parsing**, reducing scan time by 15%.

PROJECTS

- **AI-Powered Resume Ranker** [Tech Stacks : Python, SpaCy, Sklearn, Flask] [Link](#) Feb-Apr 2025
 - Created a **Resume Ranker** web app using **Flask**, enabling recruiters to **rank** 100+ resumes 30% faster via **resume parsing** and job description matching.
 - Enhanced **UI** with **CSS, JS** adding collapsible sections, and dark mode, improving user engagement by 25%.
- **Lung Disease classification System** [Tech stacks : CNN, Streamlit, Python, TensorFlow][Link](#) Dec-Apr 2025
 - Achieved **92% accuracy** using a **DenseNet121 (CNN)** model on 1000,000+ medical images using **TensorFlow/Keras** to classify **lung diseases classification** by their **lung tissue densities** .
 - Designed an **streamlit web app** for real-time **image uploads** and **disease classification**, boosting **user engagement** by 30%, showcasing skills in **web development** and **deployment**.
- **Food Classification & Calories Estimation** [Tech stacks : Python, OpenCV, Keras] [Link](#) Sept-Dec 2023
 - Deployed a **TensorFlow CNN** to classify **50+ food items** with **92% accuracy**, estimating calories from images using **deep learning** and **image processing**.
 - Trained and evaluated the model on a labeled food dataset, enabling reliable **calorie estimation** from image inputs, reducing errors by 10%.

POSITIONS OF RESPONSIBILITY

- **Team Lead – Final Year ML Project(2024-205:** Led 5 peers, managed milestones, and deployed an ML model, meeting all academic deadlines.
- **Workshop Coordinator – AI Workshop, Cysentia 2K24** Organized and facilitated a hands-on session for **100+ students**, managing event logistics and content.

CERTIFICATES & ACHIEVEMENTS

- Certified in **Data Analytics with Python and Data Science for Engineers** by NPTEL (2023) [Certificate](#)
- Earned the **Python Essentials 1** badge from **Cisco Networking Academy**(2022). [Certificate](#)

TECHNICAL SKILLS

- **Languages:** Python, C++, MySQL.
- **Web Development:** HTML, CSS, Javascript.
- **Tools:** Jupyter Notebook, VS Code, GitHub, Colab, Spyder, Pycharm
- **Libraries & Frameworks:** Numpy, Pandas, Scikit-learn, TensorFlow, Flask, Keras, PyTorch, Streamlit.