

Gogulothu Arun

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Karimnagar, Telangana

Professional Summary

Motivated Computer Science and Engineering undergraduate (2022–2026) with hands-on experience in Python, Machine Learning, and Web Development. Passionate about applying AI and data-driven techniques to solve real-world problems. Developed projects in Python-based automation, crop recommendation using ML, and currently working on brain tumor detection using CNNs. Strong foundation in C, Java (basics), SQL, HTML, CSS, and JavaScript.

Core Competencies

Python Development | Machine Learning | Web Development | SQL Databases | Frontend Design | Problem Solving | CNNs | Team Collaboration

Technical Skills

- **Programming:** Python, C, Java (Basics), SQL
- **Web Technologies:** HTML5, CSS3, JavaScript
- **Machine Learning:** scikit-learn, NumPy, pandas, TensorFlow (Basics)
- **Database:** MySQL
- **Tools:** Git, GitHub, VS Code, Jupyter Notebook

Projects

- **Bus Ticket Reservation System** — Designed a Python-based system with GUI and SQL database integration to manage ticket booking, passenger details, and seat allocation efficiently. *Tech: Python, Tkinter, MySQL*
- **Crop Recommendation System** — Built an ML model that recommends suitable crops based on soil nutrients, pH, and rainfall data to help farmers optimize yield. *Tech: Python, scikit-learn, pandas*
- **Automated Classification of Brain MRI Images (Ongoing)** — Developing a CNN-based system for accurate and early detection of brain tumors using MRI datasets. *Tech: Python, TensorFlow, CNN, OpenCV*

Education

B.Tech in Computer Science and Engineering

JNTU College of Engineering, Wanaparthy

2022–2026

- Relevant Coursework: Python Programming, Data Structures, Database Systems, Machine Learning, Web Technologies