Ramisetty Anjaneya Kumar

Vemavaram, Ballikurava, Bapatla District, Andhra Pradesh
anjaneyakumar1804@gmail.com | +91 9059882471 | [Portfolio](#) | [GitHub](#) | [LeetCode](#) | [LinkedIn](#)

Professional Summary

- Focused Computer Science undergraduate with a strong foundation in **Artificial Intelligence**, **Machine Learning**, **Deep Learning**, **Neural Networks**, **Natural Language Processing (NLP)**, **Data Science**, **Python**, and **Data Structures**. Passionate about developing innovative AI models and algorithms to solve complex problems.
- Skilled in conducting research, optimizing models, and analyzing data to deliver actionable insights. Collaborative team player with a growth-oriented mindset and a track record of improving system efficiency and scalability.

Education

B.Tech in Computer Science and Engineering (2022–2026)
Narasaraopeta Engineering College, JNTU Kakinada | CGPA: 8.43 | Expected: 2025
Intermediate (MPC) (2020–2022)
Sri Chaitanya JR College, AP | 94% | 2022
SSC (2019–2020)
Royal High School, AP | 10 GPA | 2020

Technical Skills

- **AI & Machine Learning**: **Python**, **Pandas**, **NumPy**, **Matplotlib**, **Scikit-learn**, **TensorFlow**, **Keras**, **Neural Networks**, **Natural Language Processing (NLP)**, **Data Science**, Data Cleaning, Visualization, Classification, Regression, Statistics, Probability
- **Deep Learning**: **Convolutional Neural Networks (CNNs)**, Image Processing, Model Optimization
- **Data Structures & Algorithms**: 600+ problems solved (**LeetCode** Top 18%, 9+ contests)
- **Programming Languages**: **Python**, JavaScript, C (basic)
- **Web Development**: Node.js, Express.js, React, HTML, CSS
- **Databases**: MySQL, MongoDB
- **CS Fundamentals**: OOP, Operating Systems, Computer Networks, DBMS, SOLID Principles
- **Tools**: Git, Postman, Jupyter, VSCode

Projects

Deep Learning Based Water Body Extraction from Satellite Imagery | Python, TensorFlow, CNNs

- Developed a **deep learning** model using **Convolutional Neural Networks** to extract water bodies from satellite imagery, achieving 92% accuracy for environmental monitoring.
- Optimized model performance for large-scale image processing, enhancing efficiency in **data analysis**.

Machine Learning Repository | GitHub, Pandas, NumPy, Scikit-learn

- Created comprehensive ML notebooks for **classification**, **regression**, **data cleaning**, and **visualization**, leveraging **Python** libraries.
- Improved **data pipeline** efficiency by 20% through optimized preprocessing techniques.

Library Management System | Python, OOP

- Designed a system using **object-oriented principles** to manage books, users, and borrow/return operations, enhancing library workflow.

Online Bus Ticket Booking System | Node.js, MySQL, Express

- Built a full-featured app with seat selection, booking history, and cancellation, serving 100+ virtual users.
- Implemented a complaints system and dynamic seat availability logic.

Sports Sphere | MERN Stack

- Developed a real-time sports platform backend with live tracking, player stats, and post management.
- Designed secure **APIs** and integrated databases for player/team comparisons.

Achievements

- Solved 600+ **Data Structures** problems on **LeetCode** (Top 18%)
- **TCS CodeVita 2025**: Global Rank 8,524 out of 500,000+ participants
- **LeetCode Badges**: 50, 100, 300 days, Pandas Expert
- **Full-Stack Development**: Built multiple apps with backend and **REST APIs**, improving system scalability

Certifications

- **Deep Learning** (IIT Ropar NPTEL)
- **Joy of Computing with Python** (NPTEL)
- **Python for Data Analysis**
- **Statistics & Probability for Data Science** (MyGreatLearning)
- **SQL** from HackerRank

Languages

- Telugu (Native), English (Fluent), Hindi (Basic)