

Amudalapalli Venkateswara Rao

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Summary

Results-driven B.Tech Data Science student (CGPA 9.2) at Vignan's Institute of Information Technology, with hands-on experience building ML models, computer vision systems, and data analytics dashboards. Ranked Top 5% nationally in NPTEL Python for Data Science. Proficient in Python, Scikit-learn, Power BI, and SQL — actively seeking internship opportunities to solve real-world data problems.

Education

B.Tech in Data Science, Vignan's Institute of Information Technology, Visakhapatnam	Expected 2028
CGPA: 9.2 / 10	
Intermediate (MPC), Sri Chaitanya Junior College, Rajahmundry	2024
Percentage: 96.2	

Technical Skills

Languages: Python, Java, C, SQL, JavaScript
Web Development: HTML, CSS, JavaScript
ML / AI: Scikit-learn, Pandas, NumPy, Matplotlib
Data Analytics: Power BI, Tableau, Excel
Tools: Git, GitHub, Jupyter Notebook, VS Code, Google Colab

Projects

Smart Parking System

- Developed an AI-powered parking slot detection system using Python and computer vision techniques.
- Automated parking availability monitoring using image processing.

Stock Price Prediction using Machine Learning

- Built a machine learning model to predict stock price trends using historical market data.
- Applied preprocessing, feature engineering, and regression techniques using Scikit-learn.

Sales Demand Analysis

- Analyzed sales demand patterns using Python-based data analysis and visualization techniques.
- Generated business insights through data preprocessing and trend analysis.

Achievements

- Achieved Top 5% ranking in NPTEL – Python for Data Science certification.
- Serving as Design Lead for the Data Science branch club.
- Participated in multiple hackathons and technical competitions focused on AI, machine learning, and web technologies.

Certifications

- NPTEL – Python for Data Science (Top 5%)
- Tata – AI Powered Data Analytics Job Simulation
- IBM – Artificial Intelligence Fundamentals
- Kaggle – Data Visualization
- Simplilearn – Power BI for Beginners
- Future Interns – Machine Learning Internship