

VISHNUTEJA BIKKINA

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Professional Summary

Data Science graduate (B.Tech, 2025) with expertise in Machine Learning, Deep Learning, Artificial Intelligence, and LLM integration. Built ML models (92% accuracy), automated ETL pipelines (25% faster), and developed AI-assisted AutoML solutions. Experienced across workflows from data collection and EDA to deployment. Seeking roles in Data Science, Machine Learning, AI, or Data Analytics.

Technical Skills

Machine Learning / AI: Supervised & Unsupervised Learning, Neural Networks, NLP, Computer Vision, Predictive Analytics, A/B Testing

Programming / Tools: Python, SQL, Git, Pandas, NumPy, Scikit-learn, TensorFlow, Keras, PyTorch (basic), PyCaret (basic), XGBoost, MS Excel

Data / ETL: ETL Pipelines, Data Cleaning, Validation, Warehousing, Hypothesis Testing, Statistics

Visualization / BI: Power BI, Matplotlib, Seaborn, Plotly, Dashboard Development, KPI Tracking

AI Integration: Large Language Models (LLMs), LangChain, Groq API, Prompt Engineering, Retrieval-Augmented Generation (basic)

Professional Experience

Data Analyst Intern

Jan 2025 – Mar 2025

NullClass

- Processed 25,000+ records using Python/SQL; automated ETL workflows reducing preprocessing time by 25%.
- Designed Power BI dashboards for KPI monitoring; improved stakeholder decision-making speed by 40%.
- Built validation scripts detecting 150+ anomalies per dataset, improving model reliability by 20%.

Machine Learning Intern

Sept 2024 – Nov 2024

InternPe

- Developed regression pipelines for car price forecasting on 5,000+ records; improved accuracy by 18% via feature engineering and cross-validation.
- Conducted EDA on 10,000+ records, identifying 5 key pricing factors; delivered insights via visualizations.

Projects

AutoML Copilot — AI Data Science Assistant

Python, Streamlit, PyCaret, LangChain, Groq API, SHAP

[\[GitHub\]](#)

- Built AutoML processing 30,000+ rows; reduced manual EDA and model training time by 40%.
- Integrated LLM (Groq API) to generate 500+ dataset insights and recommendations, improving interpretability.

Crop Disease Detection

Python, TensorFlow, Keras, OpenCV, CNN

[\[GitHub\]](#)

- Trained CNN on 5,000+ labeled crop images achieving 92% accuracy (F1-score: 0.91).
- Enabled 25% faster detection, facilitating timely farmer intervention.
- Applied preprocessing, deep learning, and evaluation for agricultural use cases.

Achievements

- Automated EDA workflows reducing analysis time by 40%.
- Built integrated reporting pipeline (Excel, SQL, Power BI) improving efficiency by 30%.
- Designed validation frameworks improving data quality and model accuracy by 20%.

Education & Certifications

B.Tech in Computer Science (Data Science) — Presidency University, Bangalore

2021–2025

Senior Secondary (12th, MPC) — Sri Chaitanya Junior College

2021

Secondary School Certificate (10th) — Sri Chaitanya Techno School

2019

Certifications:

- Data Analytics — Microsoft (2025)
- Machine Learning — SkillUp (2025)
- Power BI — Simplilearn (2025)
- Data Science — Udemy (2024)