Nandu Kumar Koribilli

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Professional Summary

AI/ML-focused Computer Science undergraduate with strong proficiency in Python, data analysis, and machine learning workflows. Hands-on experience in building end-to-end ML projects including data preprocessing, model training, and deployment. Actively seeking an AI/ML Internship to apply problem-solving skills and grow under industry mentorship.

Technical Skills

- **Programming:** Python (NumPy, Pandas, Matplotlib, Seaborn), SQL (basic for data querying)

- **Machine Learning:** Supervised & Unsupervised Learning, Regression, Classification, Model Evaluation & Feature Engineering

- **Libraries / Frameworks:** Scikit-learn, TensorFlow (basics), Flask (for ML deployment)

- **Tools:** Docker, Git, GitHub, Jupyter Notebook, Linux (Ubuntu)

Education

Gayatri Vidya Parishad	**Visakhapatnam**
B.Sc Computer Science (Minor: IoT)	*2023 – 2026*
CIPRA Junior College	**Visakhapatnam**
Intermediate (MPC)	*2022 – 2023*
Sri Satya Industrial Training Center	**Visakhapatnam**
ITI (Electrician)	*2020 – 2022*
ZP High School	**Visakhapatnam**
10th Grade	*2019 – 2020*

AI / ML Projects

CardiAI - ECG Arrhythmia Analyzer	**Python, Streamlit, Gemini 2.5 Pro**
GenAI & Healthcare	

- Built a Streamlit app using Gemini 2.5 Pro to classify multi-label arrhythmias (e.g., AF, LBBB) from ECG signals datasets.

- Features interactive Plotly visualizations, batch processing, and AI-driven clinical insight dashboards.

Crop Yield Predictor	**Python, Scikit-learn, Flask**
Machine Learning Project	

- Engineered an end-to-end crop yield prediction system using environmental data, optimizing model accuracy.

- Deployed the trained model via a Flask web interface, incorporating robust data preprocessing pipelines.

Experience

GeeksforGeeks Bootcamp	**Remote**
Data Science Trainee	*2023*

- Worked on the complete machine learning lifecycle: data collection, preprocessing, model training, and evaluation.

- Analyzed datasets and extracted insights using Python libraries.

- Gained practical exposure to real-world ML problem-solving.

Certifications

- Artificial Intelligence – Google Developers

- Python Certification – Google Developers

- Data Science Bootcamp – GeeksforGeeks

- Internet of Things (IoT) – Curtin University (via edX)

- E-Commerce Team Lead (Grade A+) – Infosys Foundation Finishing School

Leadership & Hackathons

TECOS (GVP Technical Club)   **Visakhapatnam**
Technical Lead   *2024 – Present*

- Spearheading technical workshops on AI/ML concepts and coding competitions for a community of 200+ students.

- Mentoring junior members in Python development and AI project architectures.

- Collaborating with department heads to organize college-wide technical symposiums.

5+ Events   **Multiple Platforms**
Hackathon Competitor

- Participated in over 5 hackathons, focusing on building AI-driven solutions for social good and automation.

- Collaborated in agile teams to develop functional prototypes integrating ML models within strict 24-48 hour timelines.