# SAGAR ORAGANTI

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**Portfolio:** https://oragantisagar041.github.io/portfolio_1.io/

## SUMMARY

Data Science postgraduate with hands-on experience in Python, SQL, Machine Learning, NLP, and Deep Learning. Skilled in end-to-end pipelines—from data cleaning and feature engineering to model building, evaluation, and visualization. Proficient with NumPy, Pandas, Scikit-learn, OpenCV, TensorFlow, and Hugging Face Transformers.

## TECHNICAL SKILLS

- **Languages:** Python, SQL/MySQL, Java (Basic)
- **Libraries:** NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, OpenCV, TensorFlow, Transformers
- **Core Skills:** ML, DL, NLP, Feature Engineering, Model Evaluation, Data Visualization
- **Tools:** Jupyter, VS Code, Git, MySQL, Power BI
- **Web:** HTML, CSS, JavaScript

## INTERNSHIPS

**Python Developer Intern — Elevate Labs** | Sep–Nov 2025
Developed Python scripts for automation and real-world data tasks; recognized for outstanding performance and problem-solving.

**SQL Developer Intern — Elevate Labs** | Sep–Nov 2025
Optimized SQL queries, indexing, and reporting workflows; awarded Best Performer for accuracy and efficiency.

**Web Development Intern — Elevate Labs** | Sep–Nov 2025
Built responsive UI components using HTML, CSS, JS; received Best Performer for quality and consistency.

## PROJECTS

**Real-Time Emotion Recognition — Computer Vision + Deep Learning**

- Built a CNN pipeline for live video emotion detection; achieved **93% accuracy** on FER-2013.
- Compared CNN, RNN, LSTM, MobileNetV2 and classical ML baselines.

**Fake News Detection Using Transformers (BERT, RoBERTa)**

- Fine-tuned transformer models achieving **96% accuracy** on benchmark datasets.
- Implemented robust preprocessing, tokenization, and evaluation.

**Crypto Market Data Analysis – Power BI Dashboard**

- Built an interactive **Power BI dashboard** that pulls **live crypto market data** via API and processes it using a Python-based ETL pipeline.
- Designed dynamic **DAX KPIs and visualizations** to monitor real-time price trends, market cap, trading volume, and volatility across top cryptocurrencies.

## EDUCATION

**M.Sc. Data Science** — OU Secunderabad | 2023–2025
**B.Sc. Data Science** — Girraj Government College, Nizamabad | CGPA: 7.78 (2020–2023)
**Intermediate (MPC)** — Kshtriya Junior College | 79% (2018–2020)
**SSC** — Krishnaveni Talent School | GPA: 7.5 (2017–2018)

**CERTIFICATIONS**

- **Tata Forage — Data Visualization:** Built Tableau dashboards to analyze KPIs and workflow delays.
- **EA Forage — Software Engineering:** Practiced backend development with modular design patterns.
- **Deloitte Forage — Data Analytics:** Worked on fraud detection and dashboard storytelling.
- **AWS Forage — Solutions Architecture:** Designed cloud architectures aligned with AWS best practices.
- **GeeksforGeeks** — Python Foundation to Advanced
- **AI & ML Jr. Telecom Data Analyst** — MSME (Aug–Oct 2024)

**INTERPERSONAL SKILLS**

Teamwork • Patience • Responsibility • Self-Motivation

**INTERESTS**

Traveling • Web Research