

Koushik Sarun Reddy

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Professional Summary

Skilled AI/ML engineer with strong experience in machine learning, data analysis, and building predictive solutions. Demonstrates excellent problem-solving abilities, technical proficiency, and effective collaboration in fast-paced environments.

Education

University of North Texas, Denton, TX 2024 – Present
Master of Science in Information Science, GPA: 4.0

- Coursework: Machine Learning, Natural Language Processing, Big Data Analytics, Data Visualization, Database Systems, Predictive Analytics, Statistics, Cloud and DevOps

Skills

Programming Languages: Python, SQL

Machine Learning: Scikit-learn, TensorFlow, PyTorch, NLTK, OpenCV

Data Analysis: Pandas, NumPy, Feature Engineering, Statistical Analysis, Predictive Modeling

Visualization Tools: Tableau, Power BI, Matplotlib, Seaborn

Cloud and Tools: AWS, Azure ML, Google BigQuery, Docker, Git, Jupyter

Other: Agile, API Integration, Model Deployment, Debugging

Experience

AI Developer Intern, Hirello AI, Remote April 2026 – Present

- Integrated Gemini API and LLM-based features into a startup platform to support automation.
- Built backend workflows using Python APIs for data processing and real-time updates.
- Contributed to full-stack development with React, database integration, and deployment.
- Applied secure data handling and encryption practices.

Software Intern, Sithafal Technologies, Tirupati, India Dec 2023 – May 2024

- Developed scripts improving automation and productivity.
- Collaborated with Agile teams on development and deployment.
- Strengthened programming and debugging skills.

Projects

Fetal Health Classification GitHub

Python, Scikit-learn, Pandas

- Built ML model achieving 94% accuracy using Random Forest.
- Applied feature engineering and model tuning techniques.

Avocado Price Forecasting GitHub

Python, ARIMA, Prophet, Tableau

- Developed time series models to forecast price trends.
- Visualized insights using Tableau dashboards.

Sentiment Analysis on Movie Reviews GitHub

Python, NLTK, Scikit-learn, Flask

- Built NLP pipeline using TF-IDF and Word2Vec.
- Achieved 91% F1-score using ML models.
- Deployed model for real-time predictions.

Certifications

- Google Data Analytics Professional Certificate - Coursera
- IBM Machine Learning Professional Certificate - Coursera
- Microsoft Certified: Azure AI Fundamentals (AI-900)

Achievements

- Maintained a perfect 4.0 GPA at the University of North Texas.