

NIVAS ANNAMAREDDY

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SUMMARY

Aspiring Data Scientist with a strong foundation in machine learning, statistical analysis, and predictive modeling. Experienced in Python, SQL, and end-to-end data workflows through internships and academic projects, including regression, classification, time-series forecasting, and NLP. Focused on extracting insights from data, building reliable models, and supporting data-driven decision-making.

TECHNICAL SKILLS

- Languages: Python, R, SQL, Java, C/C++, JavaScript
- Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, Seaborn, Matplotlib, React
- Data Visualization: Tableau, Power BI, Excel (Pivot, Charts)
- Databases: MySQL, PostgreSQL, Oracle, SQLite
- Machine Learning: Regression, Classification, Clustering, Forecasting, NLP
- Tools: Git, Jupyter Notebook, Google Colab, Node.js, Express, JWT, Vite, Tailwind CSS, Agile, Scrum
- Aws Certified – Cloud Practitioner & Developer – Associate
- Red Hat Certified – Enterprise Application Developer
- Microsoft Certified: Azure Fundamentals & DevOps Engineer Expert

EDUCATION

The University of Texas at Dallas

May 2026

Master of Science, Information Technology and Management

Awarded Dean's Excellence Scholarship

Koneru Lakshmaiah Education Foundation, INDIA

May 2024

Bachelor of Technology, Computer Science and Engineering

PROFESSIONAL EXPERIENCE

Data Scientist, CITM(JSOM)

Oct 2025 – Dec 2025

- Built analytics around a 22-step offboarding workflow and role-based access to reduce exit processing time by an estimated 30%
- Delivered case tracking, docs, notes, timeline, and exports, improving compliance completeness by an 25%.

Data Analyst intern - AICTE, INDIA

Dec 2022 – Feb 2023

- Performed regression and clustering in Python to identify key business patterns.
- Built interactive Power BI dashboards, reducing analysis time by **40%** and improving insight delivery

AI-ML, intern - AICTE, INDIA

May 2022 – Dec 2022

- Developed supervised learning models using Scikit-learn and TensorFlow, improving accuracy by **30%**
- Conducted exploratory data analysis (EDA) and feature selection, enhancing model input quality and leading to more reliable predictions.

ACADEMIC PROJECT EXPERIENCE

ARTISTRY ARCHIVE – Art Gallery Database Management System,

Aug 2025 – Dec 2025

- Designed and analysed a 17-table SQL schema with analytical queries and performance dashboards.
- Built reports to identify top-selling artists and exhibitions, improving operational transparency by **30%**.

AIRLINE RESERVATION SYSTEM,

Feb 2025 – May 2025

- Implemented time-series forecasting (Prophet, ARIMA) to predict flight pricing trends, improving revenue optimization by **35%**.
- Developed Power BI dashboards visualizing real-time bookings and cancellations for executive decisions.

PUBLICATIONS

ADVANCING MULTILINGUAL COMMUNICATION.

Jan 2024 – May 2024

- Built a real-time ML-based translation system, boosting translation accuracy by 35% and reducing response time by 40%.
- Designed scalable multilingual architecture, improving global user engagement by 50%.

COMPARISON OF VARIOUS FACE RECOGNITION ALGORITHMS IN ML/DS.

July 2023 – Dec 2023

- Evaluated classification algorithms and improved recognition accuracy by 20% using deep learning and feature extraction techniques.
- Enhanced identity verification systems with optimized model training and performance tuning.