

THIMMAREDDY NITHIN REDDY

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Professional Summary

B.Tech graduate in Artificial Intelligence from SRM University (2025) with strong skills in Python, SQL, and machine learning. Experience in developing end-to-end data science projects, including churn prediction, disease diagnosis, and recommendation systems. Achieved model accuracies of up to 87% and built user-friendly applications using Streamlit and data visualization tools.

Education

SRM University, Chennai, TN *Sept 2021 – June 2025*
B.Tech in Artificial Intelligence GPA: 8.8/10
Relevant Coursework: Neural Networks and Machine Learning, Web Development, Data Science.

Skills

Programming: Python, SQL

Libraries/Tools: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Jupyter Notebook, Git

Data Skills: Data Cleaning, Exploratory Data Analysis (EDA), Data Visualization, Statistics, Probability

Machine Learning: Regression, Classification, Clustering, Basic Deep Learning

Soft Skills: Analytical Thinking, Problem-Solving, Communication, Teamwork, Time Management

Projects

Customer Churn Prediction [Python, Machine Learning](GitHub) *Jan 2025 – Mar 2025*

- Built models using Random Forest and XGBRF with an accuracy of 87%.
- Improved recall rate by 15% after selection and adjusting of characteristics.
- Created churn analysis dashboards with heatmaps and importance of features.

Diabetes and Heart Disease Prediction App [Python, Machine Learning, Streamlit] (GitHub) *Jul 2025 – Aug 2025*

- Developed a Streamlit web app integrating machine learning models.
- Achieved 82% accuracy with Logistic Regression and Random Forest.
- Designed a simple UI allowing non-technical users to test predictions.

Movie Recommendation System [Python, Machine Learning](GitHub) *Jun 2025 – Jul 2024*

- Built a content-based recommender using cosine similarity and NLP.
 - Data processed from 5000+ movies and improved relevance scores by 20%.
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Certifications

- Certified Python Developer Associate (TechCert Labs), 2025
 - Machine Learning, SQL (Udemy), 2024
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Achievements

- Ranked 20th out of 200+ students in the AI department according to cumulative GPA (top 10%). *2024*