

NIRANJAN T

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PROFESSIONAL SUMMARY

Third-year B.Tech student in AI & Data Science with hands-on experience in building end-to-end machine learning projects. Proficient in Python, scikit-learn, and Flask. Interested in applying predictive models and NLP for real-world problems.

EDUCATION

B.Tech in Artificial Intelligence and Data Science, Karunya University, Coimbatore (Expected 2027)

Relevant Courses: Machine Learning, Data Structures, Statistics, Data Analytics

SKILLS

Languages: Python, SQL | Libraries: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

ML Techniques: Regression, Classification, NLP, Decision Trees

Tools: Power BI, Jupyter Notebook, Git, MongoDB, Flask

PROJECTS

Fake News Detection System

- Built a news classifier using TF-IDF + Logistic Regression (88% accuracy)
- Integrated keyword alerts and URL scanning with Flask
- Tools: Python, Scikit-learn, Pandas

Bank Customer Churn Prediction

- Developed Decision Tree model; improved accuracy by 12%
- Conducted EDA and feature engineering for churn factors

EXPERIENCE

AI Intern – Intern Certify (Remote) | June 2024

- Completed internship projects using ML on structured and unstructured data
- Built weekly models using Python and Scikit-learn

CERTIFICATIONS

- Power BI for Data Visualization – Onwingspan, 2025
- Python 101 for Data Science – IBM Cognitive Class, 2025
- MongoDB Python Developer Path – MongoDB University, 2024
- Exploratory Data Analysis – Onwingspan, 2024
- Data Fundamentals – IBM SkillsBuild, 2024