N S Siddarth

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Education

Bachelor of Engineering — Artificial Intelligence & Machine Learning
Jyothy Institute of Technology *Expected Graduation: 2028*

- Relevant Coursework: Machine Learning, Deep Learning, NLP, Data Structures, Algorithms

Technical Skills

Languages: Python, C, Java
AI / ML: Machine Learning, Deep Learning, Natural Language Processing
Libraries: NumPy, Pandas, Matplotlib, Scikit-learn, Tensorflow & Pytorch, Hugging Face Transformers
Tools: Git, GitHub, Linux, Notebooks

Certifications

Developing AI Applications with Python and Flask — IBM (2025)

Gen AI Foundational Models for NLP & Language Understanding — IBM (2025)

Machine Learning Specialization — Stanford University / DeepLearning.AI (2024)

Advanced Learning Algorithms — Stanford University / DeepLearning.AI (2024)

Supervised Machine Learning: Regression and Classification — Stanford Online / DeepLearning.AI (2024)

IBM Data Science — IBM (2024)

Data Analysis with Python — Coursera (2024)

Tools for Data Science V2 — Coursera (2024)

Data Science Orientation — IBM (2024)

Academic Projects

AI-Based Text Classification System
Python, Machine Learning, NLP

- Built a supervised ML model for text classification using NLP techniques
- Performed data preprocessing, feature extraction, and model evaluation

Data Analysis and Visualization Project
Python, Pandas, Matplotlib

- Analyzed structured datasets and created insightful visualizations
- Derived actionable insights using statistical analysis

Currently Working Project

- Stock Market Analysis using Machine Learning Techniques
- AI Applications in Defense Radar Systems

Achievements & Activities

Completed multiple industry-recognized certifications from IBM and Stanford University

Currently working on Deep Learning concepts including neural networks and transformer-based models

Actively building hands-on projects in Machine Learning and Generative AI

Strong interest in NLP, Large Language Models, and applied AI systems