

Nithin Rajulapati

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Portfolio: <https://nani1-glitch.github.io/portfolio/>

Objective:

Highly motivated and dedicated Master's student specializing in Artificial Intelligence (AI) with a solid foundation in computer science and machine learning. Possesses a strong passion for cutting-edge technologies and a deep understanding of AI algorithms, data analysis, and software development and also skilled in problem-solving and critical thinking, with a proven ability to apply theoretical knowledge to practical applications. Committed to leveraging AI techniques to improve efficiency and solve complex problems in various domains. Also an Instructor for Python programming language at Udemy.

Professional Experience:

INSTRUCTOR

Jan 2021 – March 2023

Instructor for Python programming language

- A very experienced instructor with a proven track record of teaching Python programming to students at Udemy.
- Regularly updated course to ensure content to ensure it remains current with the latest Python versions and industry trends.
- The great extensive Knowledge of Python possesses a deep understanding of Python programming language, including its syntax, libraries, and frameworks.

Education:

Illinois Institute of Technology, Chicago, USA

Expected Dec - 2025

Master of Artificial Intelligence

Sathyabama Institute of Science and Technology, Chennai, INDIA

June 2019 - May 2023

Bachelor of Engineering, CGPA 8.2

Skills:

- Programming Languages: Python, JavaScript. | Soft Skills: Problem-Solving, Communication, Dedicated.
- Machine Learning: Logistic Regression, Random Forest, Decision Trees, Naive Bayes, Support Vector Machine(SVM), Multi-layer Perceptrons(MLP), Q-Learning, Gradient Boosting and NLP algorithms.
- Database: SQL, SQLite, Cassandra, Oracle Database.
- Tools: Jupyter, Git, Docker, NLTK.

Projects:

- Heart Disease Prediction and Medication based on the user input.

This project takes the input from the user and analyses the data and will predict whether the user will have the Heart Attack or not.

- Face and Voice based Home security system.

This computer vision project employs Python libraries, including pytsx3 and openCV, for a two-step manual verification system. It recognizes faces and connects text to speech through the system microphone.

- Healthcare Chatbot.

This was developed in Python, leverages NLP and Machine Learning techniques. It provides intelligent responses and assists users in the healthcare related inquiries.