

# Nithin Aparadapu

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## Skills

- **Languages:** Python, Java, C, SQL
- **Libraries & Tools:** Docker, Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, TensorFlow, Git.
- **Soft Skills:** Quick Learner, Adaptability, Time Management, Effective Communication.

## Projects

- **House Price Prediction:** Aug-Dec 2024  
Developed a predictive analytics platform to estimate house prices using historical data. Applied machine learning techniques to analyze key factors influencing property values and optimize price predictions. Visualized insights through Seaborn and Matplotlib for better interpretability.  
Tech stack: Python, Scikit-Learn, Pandas, Seaborn, Matplotlib.
- **Diabetes Prediction:** Jun-Jul 2024  
Developed a machine learning-based predictive model to assess diabetes risk using health metrics and lifestyle data. Implemented feature engineering and model evaluation techniques to enhance accuracy. Developed interactive data visualizations using Matplotlib and Seaborn to explain model outcomes.  
Tech stack: Python, Scikit-Learn, Pandas, Matplotlib.
- **Real-Time Typing Speed:** Aug-Nov 2023  
Developed a GUI-based application to evaluate users' typing speed and accuracy in real time. Implemented logic to measure words per minute (WPM) and track errors during typing tests. Provided users with live feedback and summary results to help improve typing efficiency.  
Tech stack: Python, Tkinter, Time module, WPM/Accuracy Metrics.

## Summer Training

- **Complete Data Science and Machine Learning Program:** June 2024 - Jul 2024  
Completed an extensive training program covering machine learning, deep learning, data analysis. Gained hands-on experience in building predictive models and optimizing machine learning workflows.  
Key Topics: Supervised & Unsupervised Learning, Neural Networks, Feature Engineering.  
Tech stack: Python, Scikit-Learn, TensorFlow, Pandas, Matplotlib, SQL.

## Certificates

- **Supervised Machine Learning in Coursera by Stanford University** July 2024  
And DeepLearning.AI
- **Getting Started with AI and Machine Learning by LinkedIn** February 2023
- **Introduction To DevOps in Coursera by IBM** Nov 2024
- **Introduction To Operating System in Coursera by IBM** October 2023
- **Bits and Bytes of Computer Networking in Coursera by Google** March 2024

## Achievements

- **Winners of Inter-School Kabaddi Tournament** 2018
- **Winners of Volleyball in the School Games Federation Competition.** 2019
- **Runner-Up in Inter-School Cricket Tournament.** 2019

## Education

- **Lovely Professional University, Punjab** 2022 – Present  
Bachelor of Technology in Computer Science and Engineering — CGPA: 7.5  
Jalandhar, Punjab
- **Narayana College** 2020 – 2022  
12th — Percentage: 95.50%  
Hyderabad, Telangana
- **Geethanjali Digi School** 2019 – 2020  
10th — CGPA: 10  
Warangal, Telangana