# MOHD ZAHEER UDDIN

## Machine Learning Intern

@ sohailkhannn.0525@gmail.com  🔗 https://sohailkhan0525.github.io/MyPortfolio/  📍 Hyderabad, Telanagana

## KEY ACHIEVEMENTS

### 🧠 Machine Learning & Predictive Modeling
Built and deployed multiple machine learning models including **House Price Prediction**, **Global Earthquake Risk Prediction**, and **Heart Disease Prediction**, applying regression and classification techniques using Scikit-learn.

### </> End-to-End Python Projects
Developed real-world Python applications such as **Student Management System**, **Bank Management System**, and **File Handling System**, focusing on backend logic, data processing, and user-driven workflows.

## SKILLS

### Platforms
Kaggle   Jupyter Notebook

### Mathematics & Core Concepts
Linear Algebra   Probability
Statistics   Calculus

### Programming & Tools
Python   SQL   GitHub

### Machine Learning & Data Science
Machine Learning   Data Cleaning
EDA   Data Visualization
Scikit-learn   NumPy   Pandas
Matplotlib   Seaborn

## TRAINING / COURSES

Machine Learning Fundamentals (Project-Based Learning)

Python Programming for Data Science

## SUMMARY

Aspiring AI and Machine Learning Engineer with hands-on experience in building predictive models and Python-based applications. Strong foundation in machine learning, data analysis, and mathematical concepts including linear algebra, probability, and statistics. Passionate about developing real-world intelligent systems and continuously improving technical skills through practical projects.

## EDUCATION

### Bachelor of Technology (B.Tech) – Computer Science & Information Technology (CSIT)
Sree Dattha Engineering and Science                    📅 2024 - 2028

## PROJECTS

### House Price Prediction
📅 12/2025 - 01/2026    📍 Personal Project

Designed and implemented a machine learning regression system to estimate residential property prices from structured housing data.
- Designed a regression model using Python and Scikit-learn to predict housing prices.
- Analyzed and prepared datasets through data cleaning, EDA, and feature engineering.
- Validated model performance using $R^2$ score and Mean Squared Error (MSE) to ensure reliability.

### Heart Disease Prediction
📅 10/2025 - 11/2025    📍 Personal Project

Developed a machine learning classification model to predict the likelihood of heart disease using patient health data.
- Implemented a logistic regression model using Scikit-learn.
- Processed and cleaned medical datasets for accurate predictions.
- Evaluated results using accuracy, precision, and recall metrics.