

SHEHRYAR NAVEED

SOFTWARE ENGINEER

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📍 House No 18 A1 Homes Near UMT Joher Town, Lahore [in LINKEDIN](#) [PORTFOLIO](#) [GITHUB](#)

PROFESSIONAL SUMMARY

Aspiring Software Engineer with strong academic performance (GPA: 3.77) and hands on experience in Generative AI and Machine Learning building predictive models using Python and real-world datasets. Skilled in data preprocessing, model tuning, and performance evaluation, with experience applying these practices to machine learning and Generative AI workflows.

EXPERIENCE

GENERATIVE AI INTERN, [ZWEIDEVS](#) 06/2025 – 09/2025
Lahore

- Contributed to Retrieval Augmented Generation (RAG) workflows by integrating external knowledge sources to enhance factual accuracy and reduce hallucinations.
- Assisted in developing GenAI powered chatbots using Python, exploring tools and libraries such as LangChain, FAISS/Chroma (vector databases), Hugging Face, and Gemini/Deepseek APIs.
- Applied best practices for responsible AI deployment, including prompt safety, output evaluation, and handling model limitations.

ML INTERN, [INFINENE TECH](#) 08/2024 – 04/2025
Johar Town, Lahore

- Built and fine tuned classification models including Logistic Regression, K-Nearest Neighbors (KNN), Support Vector Machines (SVM), and Linear Regression.
- Performed data preprocessing, feature selection, and model optimization using real-world datasets to enhance predictive accuracy and model performance using metrics such as accuracy, precision, recall, and F1-score.
- Utilized Python, Scikit-learn, Pandas, Tensor flow, and NumPy for model development and analysis.

PROJECTS/OPEN-SOURCE

Customer Churn Prediction System, Python, TensorFlow, Scikit-Learn, Pandas, Numpy, Matplotlib

This project predicts whether a customer will churn (leave the company) based on their demographics, account information, and service usage patterns. The system uses a deep learning ANN model trained on the Telco Customer Churn dataset.

House Price Prediction System, Python, Scikit-Learn, Numpy, Plotly, Pandas, Streamlit

A complete machine learning project that predicts house prices using **Linear Regression** with an interactive **Streamlit** frontend. This system uses a real housing dataset with 545 houses and 12 features to provide accurate price predictions.

EDUCATION

B.SC. (SOFTWARE ENGINEERING), UNIVERSITY OF MANAGEMENT AND TECHNOLOGY 11/2022 – 06/2026
GPA: 3.79 Lahore

LIBRARIES/FRAMEWORKS

- React JS
- Pandas
- Numpy
- Sklearn
- Matplotlib
- Tenserflow
- PyTorch
- Django

CERTIFICATIONS

Machine Learning with Python (with Honors)

IBM /Coursera (Completed: June
2024)