

NAZISH JAVEED

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PROFESSIONAL SUMMARY

Data Scientist with experience in machine learning, data analysis, and statistical modeling. Proficient in Python and various data visualization tools. Proven track record of solving complex business problems through data-driven solutions. Adept at collaborating with cross-functional teams to deliver actionable insights and innovative solutions.

EDUCATION

AI-Nafi Institute, U.K	Jan 2023 – Jun 2023
Diploma in Artificial Intelligence Engineer	
Virtual University of Pakistan, Lahore	Jan 2022 – Dec 2026
BS in Software Engineering	
Queen Marry University, Lahore	Jan 2020 – Dec 2022
B.Com	

SKILLS

- **Programming Language** : Python,R
- **Machine Learning** : Numpy, Pandas , Matplotlib , Seaborn , Scikit-Learn, Scipy.
- **Deep learning** : ANN, CNN, RNN, Tensorflow, Pytorch, Keras.
- **Computer Vision**: Open CV, Object Detection, Image Processing, Image Detection, YOLO.
- **Natural Language processing**: Tokenization, Sentiment Analysis, ChatGPT.
- **Data Scientist**: Data Preprocessing, Data Analysis, Data Visualization.
- **Machine learning Model Development**: Flask , Django.
- **Expert in Generative AI**: ChatGPT API, Gemini API, LangChain, HuggingFace.
- **Tool**: Jupyter Notebook, VS Code, Google Colab, GitHub, Kaggle.

EXPERIENCE

Artificial Intelligence Intern, Encryptix Company	June 2024 – July 2024
Face Detection and Recognition: Advancing AI for Enhanced Security and User Interaction.	
Recommendation System: Personalized User Engagement in Machine Learning Internship.	
Generative AI Intern, Prodigy InfoTech Company	June 2024 – July 2024
Image-to-Image Translation with cGAN: Innovating Visual Content Manipulation in Generative AI.	
Neural Style Transfer: Advancing Creative Visual Synthesis in Generative AI	

- Text Generation with Markov Chain: Advancing Natural Language Synthesis in Generative AI.

Data Science Intern, CodeCavers Company

May 2024 – June 2024

- Performed comprehensive climate data analysis using Python, informing environmental policy with insights and predictive modeling.
- Customer Behavior Analysis: Data-Driven Insights and Predictive Modeling for Enhanced Marketing Strategies.

Machine Learning Intern, Mentorness Company

May 2024 – June 2024

- Implemented machine learning for Fast Tag fraud detection, achieving an accuracy of 98% and ensuring scalability in transaction security.
- Developed machine learning models for salary prediction, enhancing accuracy and informing strategic decisions during machine learning intern.

Artificial Intelligence Intern, Cognorise InfoTech Company

April 2024 – May 2024

AI-Powered Ping Pong Game: Reinforcement Learning for Adaptive Gameplay in AI Internship.

Sentiment Analysis: Extracting Insights from Textual Data in AI Internship.

Artificial Intelligence Intern, AI-Nafi Institute Company

Jun 2023 – Dec 2023

- Developed a real-time face recognition web app using Flask and Python.
- Developed a diabetes prediction web app using Django, Flask, and Python. Implemented machine learning models for accurate health risk assessment during the internship of artificial Intelligence.
- Developed a dynamic Word Cloud generator using Streamlit and Python. Enables interactive visualization of text data with customizable features

PROJECT

Diabetes Prediction App Project:

June 2023 – July2024

- **Description:** Developed a web-based diabetes prediction application using Python, Django, and Flask, designed to predict the likelihood of diabetes based on user-provided health data.□
- **Model Development:** Implemented machine learning algorithms (**Logistic Regression, Decision Tree, and Random Forest**) to build a predictive model.□
- **Technology Stack:** Python, Django, Flask, Scikit-learn, HTML/CSS, JavaScript.
- **Deployment:** Deployed the application on a cloud platform (**Streamlit**) for accessibility.
- **Outcome:** Predicted diabetes status based on individual health data, demonstrating proficiency in web development, machine learning, and data science.

House Price Prediction App Project:

August2023-Sep2023

- **Description:** Developed a web-based application using Python and Flask to predict house prices based on features like location, size, and amenities.
- **Model Development:** Utilized machine learning algorithms (**Linear Regression, XGBoost**) for accurate price estimation.
- **User Interface:** Implemented a user-friendly interface for inputting property details and visualizing predicted prices.
- **Deployment:** Deployed on a cloud platform (**Streamlit**) for accessibility and practical real estate insights.

Google Stock Price Prediction Project:

October2023-Nov2023

- Developed a Python-based machine learning model for forecasting Google stock prices using historical data.
- Utilized time series analysis and regression algorithms for accurate predictions and actionable investment insights.

ACHIEVEMENT

- Earned status as a **Kaggle Notebook Master and Expert in Discussions/Datasets**, showcasing advanced skills in data analysis, machine learning, and visualization.
- Contributed impactful notebooks, provided expert-level insights in discussions, and curated datasets utilized across the Kaggle community, demonstrating proficiency and collaborative **problem-solving abilities**.

CERTIFICATION

- Artificial Intelligence Intern
- Machine Learning Intern
- Data Science