

OBAID UD DIN HASHMI

AI /ML Engineer

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SUMMARY

I am an AI/ML Engineer with experience in machine learning, natural language processing, data analytics, and Generative AI. I have successfully designed and implemented algorithms that boost system performance and enhance predictive accuracy. My internship experience has provided me with strong practical skills in model development and deployment, ensuring that I can effectively contribute to real-world AI solutions.

EDUCATION

Bachelor in Information Technology

Punjab University

07/2021 - 07/2025

EXPERIENCE

AI/ML Engineer(Internship)

NCAI, UET Lahore

05/2025 - 08/2025 | Lahore

A research and development institute focused on artificial intelligence. Successfully completed an internship in AI at NCAI, UET Lahore. Specialized in developing innovative solutions for real-world problems using traditional and generative models. Gained practical exposure to model development, data preprocessing, and deploying AI solutions.

Achievements/Tasks

- Gained practical exposure to model development, **data preprocessing**, and deploying AI solutions. Strong in data preprocessing using **Pandas** and **Numpy**. Proficient in
- supervised algorithms** like **Linear Regression**, **Logistic Regression**, and **SVM**. Experienced in implementing **decision trees**, **random forests**, and **gradient boosting algorithms**. Skilled in data visualisation using libraries like **Matplotlib** and
- Seaborn** for insightful analysis. Proficient in training and optimising **neural networks** for diverse applications. Experienced in **CNNs** for image recognition and **RNNs/LSTMs**
- for sequence modelling. Knowledgeable in **NLP** with libraries like **SpaCy** and **NLTK**. Hands-on with **Gradient Descent** and
- SGD optimisation techniques. Skilled in deploying AI models via **Streamlit**. Proficient in designing and implementing neural networks, including **ANN**, **CNN** and **RNN** for diverse AI
- applications. Experienced in **Generative AI**, including working with **LLMs**, **transformers**, and tools like **LangChain**, **Gemini**, and **ChatGPT APIs**.

Certificates

- AI ML/DL Certification**
Corvit Networks, Lahore
- AI-900: Microsoft Azure AI Fundamentals** | Microsoft Azure

SKILLS

ML	Deep Learning	GitHub
Keras	Linear Regression	
Matplotlib	NLP	NLTK
Numpy		
Pandas	Python	PyTorch
Seaborn	Sentiment Analysis	
SpaCy	Streamlit	SVM
TensorFlow		

PROJECTS

Multiple AI Projects

Various AI-driven projects focusing on **NLP**, **CV**, **Machine Learning**, and **Predictive analytics**.

GenieBot AI:

GenBot is a lightweight AI chatbot powered by Google Gemini, designed to generate intelligent, real-time responses through natural language conversations.

Brain Tumour Analysis:

Developed an ML model for early brain tumour detection and classification.

Text Summarisation:

Built an AI system to summarise lengthy documents into concise texts.

Review Sentiment Analysis:

Analysed reviews to classify sentiments: positive, negative, or neutral.

Water Potability Prediction:

Predicted water potability using chemical and physical parameter analysis.

Gym Pose Estimation :

Analyzed human posture and movement for fitness tracking.