

Sajjad Amjad

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Introduction

I specialize in building AI-powered systems that solve real-world problems through machine learning, deep learning, and natural language processing. My expertise includes designing, developing, and deploying AI models that optimize business processes, enhance user experience, and provide actionable insights from large datasets.

Key Strengths

- Proficient in developing machine learning models using Python
- Strong communication skills, able to convey complex ideas clearly to diverse teams.
- Adaptable and quick learner, thriving in fast-paced and changing environments.

Skills

- NLP Engineering
- End-to-End Machine Learning (MLOps)
- AI Agents
- Building End-to-End RAG Pipeline

Education

- **BSCS (In Progress)**
Air University

2024 – Present

- **ICS (Completed)**

Thal Public School & College
2022 – 2024

- **Matriculation (Completed)**

Government High School Bajjar
2020 – 2024

Experience

Machine Learning Engineer | Fiverr (Freelance)

March 2022 – May 2023

Lahore, Pakistan

- Developed and deployed machine learning models for predictive maintenance, reducing downtime by 30%.
- Maintained scalable data pipelines using Python, Pandas, and SQL, ensuring smooth integration with existing systems.
- Improved model accuracy for anomaly detection through experiments with decision trees, random forests, and XGBoost.
- Fine-tuned models and implemented cross-validation techniques, increasing precision by 12%.
- Automated the ML lifecycle with CI/CD pipelines, reducing deployment times significantly.

Projects

AI Chatbot for Customer Service

- Designed a chatbot using NLP to automate customer service tasks, reducing response times by 40%.
- Integrated the chatbot with various APIs, enabling it to handle queries efficiently.

Sentiment Analysis Tool

- Built a sentiment analysis model to assess customer feedback using Python, TensorFlow, and NLP techniques.
- Implemented it as a cloud-based API for business intelligence, helping companies improve customer engagement.

Interest

Passionate about advancements in AI and machine learning, especially in NLP and computer vision. I enjoy working on real-world AI applications and staying updated on emerging technologies in the field.

Reference

Mr. Ahmed Khan

Computer Science Teacher

ABC High School

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