Muhammad Junaid

AI Engineer

Kotli, AJ&K, Pakistan

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AI Engineer with solid experience in developing machine learning models and implementing AI-driven features. Proficient in Python, TensorFlow, and data analytics, with a track record of enhancing application efficiency and user experience.

Skills

- Python
- SQL
- Scikit-Learn
- Pandas
- Streamlit
- Computer Vision
- Data Science
- Machine Learning
- Cloud Platforms

- Data Analytics
- Software Development
- Teamwork
- Decision Trees
- JavaScript
- TensorFlow
- OpenCV
- NumPy

- NLP
- Feature Engineering
- Model Evaluation
- Neural Networks
- Deep Learning
- Python Programming
- Image Processing
- Communication

Experience

AI/ML Engineer Intern *| Xact Mind | Mar 2024 – Aug 2024*

- Optimized ML models for predictive analytics and NLP, boosting accuracy with advanced algorithms.
- Integrated AI features into web apps using Python and TensorFlow, improving automation and efficiency.
- Collaborated with teams to deploy AI solutions into software products.

Kaggle Competition Contributor *| Kaggle | Apr 2023 – Present*

- Contributed to multiple AI/ML open-source competitions on Kaggle, with a focus on enhancing model efficiency and improving documentation quality.

AI/ML Study Group Leader *| University of Kotli | Jan 2023 – Present*

- Led weekly study sessions on ML concepts and practical implementations, guiding students in complex AI algorithms.

Python Bootcamp Participant *| University of Kotli | Jan 2024 – Mar 2024*

- Completed intensive 2-month program on Python programming, data structures, and ML libraries.

Education

B.S. in Software Engineering (Candidate) | University of Kotli AJ&K | Present

FSc (HSSC) in Pre-Engineering | Muhammadan Science College AJ&K | Dec 2022

Certifications

- **Machine Learning Specialization** – DeepLearning.AI, Stanford (Verify ,[Coursera,](#))
- **AI Foundations for Everyone** – IBM (Coursera, 2024)
- **Generative AI for Software Development** – DeepLearning.AI (Verify ,[Coursera](#))
- **Deep Learning AI Specialization** – DeepLearning.AI (Coursera, 2025)
- **Python for Everybody Specialization** – University of Michigan (Verify, [Coursera](#))
- **AI for Medicine** – DeepLearning.AI (Coursera, 2025)

Activities

- AI/ML Study Group Leader – Led sessions on ML concepts and practical implementations, helping peers learn AI algorithms.
- Contributed to multiple AI/ML open-source competitions on Kaggle, with a focus on enhancing model efficiency and improving documentation quality.

Projects

- **Live Fight Detection System** – Developed a real-time violence detection system using CV + DL to detect aggressive behavior in video streams.
- **UOK Chatbot Development** – Built chatbot for university inquiries using NLP + Streamlit for a user-friendly interface.
- **Predictive Analytics Suite** – Developed multiple ML models for rainfall, laptop price, house price prediction, and disease diagnosis.
- **Real vs Fake image Classification** – Developed a full-stack ML web application to detect whether images are real or fake.
- **More Projects on ([Kaggle,](#) [GitHub](#) , [Website](#))s**