

Faizan Ashraf

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Professional Summary

Data Scientist with 1.5 years of experience in freelancing, specializing in machine learning, deep learning, and computer vision. Proficient in big data tools and data visualization using Power BI and Python. Seeking to solve complex data challenges and build scalable AI solutions.

Key Skills

- **Languages:** Python, SQL, Java
- **ML Tools & Libraries:** Scikit-learn, TensorFlow, PyTorch, Keras, XGBoost, LightGBM
- **Visualization:** Matplotlib, Seaborn, Power BI, Plotly
- **Data Manipulation:** Pandas, NumPy, Dask
- **Deep Learning & CV:** OpenCV, YOLO, CNNs, RNNs, Transformers
- **LLMs & NLP:** Hugging Face Transformers, spaCy, NLTK, BERT, GPT
- **Big Data:** Apache Spark, Hadoop, Hive
- **Cloud & Platforms:** Google Colab, Kaggle, Jupyter Notebooks, Git, Docker

Experience

Freelance Data Scientist

Feb 2023 – Present

- Built and deployed machine learning and deep learning models for predictive analytics and image classification tasks.
- Designed and launched Fiverr gigs offering ML solutions, receiving consistent 5-star ratings and positive client testimonials.
- Delivered tailored solutions through client collaboration, improving satisfaction and retention.

Career Objective

Aspiring Data Scientist

Actively Seeking Opportunities

- Eager to apply skills in machine learning, deep learning, and data analytics to real-world challenges.
- Passionate about contributing to innovative, impact-driven projects in a collaborative environment.
- Committed to leveraging Python, deep learning frameworks (TensorFlow, PyTorch), and scalable data pipelines for advanced problem-solving.

Projects

Visual Media Restoration using Deep Learning

Tools: PyTorch, CNNs, Residual Networks

Built a state-of-the-art deep learning model for restoring noisy and degraded images. Achieved SOTA-level performance on standard benchmarks by combining residual learning and perceptual loss.

Social Media Content Automation System

Tools: Python, BLIP, Canva API, Facebook Graph API, React, FastAPI

Developed an end-to-end automation system for social media. Automated image captioning, content customization, and scheduling across platforms using AI models and APIs.

Object Detection Model using YOLOv8

Tools: YOLOv8, COCO Dataset

Trained an object detection model on the COCO dataset to identify multiple object categories with high accuracy, reducing manual inspection time significantly.

Cervical Cancer Detection using Ensemble Learning

Models: DenseNet, MobileNet, Xception

Designed an ensemble model optimized with genetic algorithms to enhance classification performance on cervical cancer medical imagery.

Real-Time Weather Prediction System

Tools: Flutter, Django, Arduino, Python (LSTM)

Integrated an IoT device with a Flutter mobile app and Django backend. Deployed an LSTM model for predicting weather conditions using real-time sensor data.

Education

B.Sc. in Data Science

Expected Graduation: Aug 2025

GIFT University

Intermediate in Pre-Engineering

Completed: 2020

Punjab College

Matriculation

Completed: 2018

Bibi n Baba School

Certifications

- *Self-Learning in Data Science*: Mastered concepts through online resources.
- *Machine Learning with Python*: Skills in data preprocessing and model evaluation.
- *Deep Learning Fundamentals*: Proficiency in neural networks and project development.
- *Data Visualization*: Creating dashboards using Power BI and Python.

Publications

- “*Stacking-Based Ensemble for Cervical Cancer Detection*” – Accepted in ICEPECC (Conference) 2025.

Achievements

- Achieved 98%+ accuracy in cervical cancer detection, praised by faculty and selected for publication.

Soft Skills

- **Leadership**: Led group projects and coordinated team efforts.
- **Communication**: Effective interaction with team members and clients.
- **Problem-Solving**: Strong analytical skills for optimizing ML models.
- **Teamwork**: Collaborated with peers for successful project execution.
- **Project Management**: Organized and managed multiple projects to meet deadlines.