

Name:

[Abdullah Bin Mansoor]

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Career Objective / Profile:

Aspiring AI Engineer aiming to build scalable machine learning solutions and contribute to impactful research. Passionate about AI, problem-solving, and learning emerging technologies to contribute to impactful projects.

Education:

Bachelor of Science in Artificial Intelligence, National University of Computer and Emerging Sciences (FAST-NUCES), Islamabad (2023-2027)

Relevant Courses: AI, ML, OS, Data Structures, Algorithms, Database Systems, Probability & Statistics

GPA: 3.27 / 4.00

Skills:

- Programming Languages: Python, Java, C++
- Web Development: HTML, CSS, JavaScript, React, NodeJS, Fast API, Rest APIs
- Databases: MySQL, MongoDB
- Tools: Git, VS Code, Linux
- AI: PyTorch, TensorFlow, OpenCV, Scikit-Learn
- Team Collaboration & Communication
- Languages: English, Urdu

Experience / Internships:

1. Python Developer, Logic Powered Solutions, Islamabad (Sept '25 - Current)
 - Revamped Selenium automation scripts for internal workflows.
 - Conducted technical interviews and led Python workshops for interns.
 - Developed a RAG based SQL Agent.
2. Computer Vision Engineer, DataInsight Research Lab, Islamabad (Jun - Aug 2025)
 - Fine-tuned YOLOv11s & UNet (97% mAP, 96% segmentation).
 - Deployed PyTorch → TFLite models for lightweight devices.
 - Built echocardiogram EF pipeline with YOLO keypoints (97% accuracy).
3. AI/ML Intern, AIGenMat, Remote (Jun - Aug 2025)
 - Achieved 98% accuracy in diabetic retinopathy classification.
 - Built Decision Tree based loan default classifier (85% accuracy).
 - Automated scraping of 15k+ business leads.

Projects / Research:

1. SEO Analyzer, August 2025
 - Full-stack RAG app using FAISS, OpenAI, FastAPI, React, Docker.
 - Crawls data from a given website and uses RAG to give SEO suggestions.
2. Shakespeare Text Gen, September 2025
 - RNN, LSTM, GRU & Transformer models for creative generation.
 - Compares the performance of different architectures trained on Shakespeare Dataset.

Achievements / Extracurricular Activities:

- Dean's Honor List, 2025
- Head Photography, FAST AI Society, 2024-Present
- Volunteer AI-Minhaj Welfare, 2025

References:

Available upon request.