Dabeer Ul Haq Qureshi

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Islamabad, Pakistan — LinkedIn — Portfolio — GitHub

Education

FAST – National University of Computer and Emerging Sciences, Islamabad 2025
Bachelor of Science in Computer Science
Key Courses: Generative AI, Machine Learning, Deep Learning, Data Visualization, Software Engineering

Work Experience

Junior AI Engineer, Smart Is July 2025 – Present

- Built and deployed RAG-based pipelines, vector search systems, and intelligent automation tools for enterprise clients.
- Optimized LLM workflows for scalability and efficiency in business use cases.
Data Analyst Intern, Mentorness (Remote) Jun 2024 – Aug 2024

- Designed data pipelines and dashboards in Power BI to generate actionable business insights.
- Strengthened analytical and visualization skills in a professional environment.

Research Experience

Co-Author, Group Research Project
"Can RAG Improve Response Relevance Compared to Traditional Chatbots? A Comparative Study in Technical Support Contexts"

- Compared FAISS + cosine similarity chatbot vs. RAG (Pinecone + Flan-T5).
- Demonstrated improved response relevance in ambiguous technical queries.

Selected Projects

3D Virtual Tour of Northern Areas of Pakistan – Built web mobile app using CNN + NeRF to generate immersive 3D visuals from 2D images. **Airplane Route Optimization** – Flask app applying Genetic Algorithms for route optimization. **Medicine Recommendation System** – ML model (Python, Sklearn) for symptom-based diagnosis and prescriptions. **Other Projects:** AI Newspaper Research Chatbot, Plagiarism Checker, MCQ Generator (NLP).

Skills

Technical: Python, TensorFlow, LangChain, Scikit-learn, SQL/NoSQL, Flask, Streamlit, React, Power BI, Vector Databases.
Professional: Leadership, Communication, Teamwork, Problem Solving.

Achievements

- Gold Medalist (1st Semester) and Bronze Medalist (2nd Semester).
- Dean's List (twice for GPA above 3.5).
- Aga Khan Board Award of Excellence.

Certifications

DeepLearning.AI Deep Learning Specialization • ML Workshop (NUCES FAST) • Web Dev Workshop (HTML/CSS/JS/Bootstrap) • AI Olympiad, NASCON 2025