

Fozan Ahmed Memon, BSCS

Ai Research Engineer / Full-Stack Developer

22f-bscs-196@students.duet.edu.pk

fozanamn@gmail.com

+923272064991

www.fozanahmed.com

Professional Summary

Final-year Computer Science student with a solid foundation in software development, artificial intelligence, deep learning, and computer science fundamentals. Experienced in developing web and mobile applications using Python, TypeScript, React, Flutter, and modern development tools, with firsthand experience in data training and practical AI projects through Kaggle. Effective communication and public speaking skills, with experience in community engagement, teamwork, and volunteer initiatives. Enthusiastic about technology, people, community work, and management, with a strong interest in applying technical and interpersonal skills to meaningful projects and professional environments.

Education

Bachelor of Science in Computer Science

Dawood University of Engineering and Technology | Karachi, Pakistan

Expected 2027

Experience

Youth Volunteer Intern | Institute of Holistic Rehabilitation & Inclusion (IHRI)

Karachi, Pakistan | Jun 2026 – Aug 2026

- Contributed to youth-focused initiatives related to inclusion, diversity, community engagement, and social impact.
 - Developed and presented a presentation on the use of artificial intelligence for people with disabilities.
 - Participated in communication, leadership, awareness, and community engagement activities.
 - Maintained a communication observation journal and contributed to team-based activities.
 - Collaborated with interns and program leads to complete assigned tasks and meet program requirements.
-

Projects

Compiler Construction Project KompileML

Java | JFlex | CUP | Compiler Design

2026

- Developed a compiler project implementing lexical analysis, parsing, and syntax processing for a custom programming language.
- Used JFlex for lexical analysis and CUP for parser generation.
- Implemented compiler components and tested language constructs through structured test cases.
- Documented the project architecture, installation process, usage instructions, and technical implementation.

Cognitive Distortion Classifier | NLP & Machine Learning

Python | Scikit-learn | TF-IDF | Logistic Regression | Kaggle | 2026

- Developed an NLP classification model that identifies 10 cognitive distortion categories from everyday self-talk using a dataset of 450 labeled samples.
 - Built a TF-IDF and Logistic Regression pipeline, achieving 92.6% test accuracy across the 10-class classification task.
 - Evaluated model performance using class-level metrics, with selected categories achieving up to 100% F1 score.
 - Published the dataset and complete Kaggle notebook, documenting the data, methodology, model training, and evaluation results.
 - Kaggle Notebook: <https://www.kaggle.com/code/fozanahmedm/cognitive-distortion-classifier-nlp-psychology>
 - Dataset: <https://www.kaggle.com/datasets/fozanahmedm/cognitive-distortion-classifier>
-

Certifications

• Google AI Professional Certificate

Google | 2026 | [Credential](#)

• Machine Learning Specialization

DeepLearning.AI | Coursera | 2024 | [Credential](#)

• Meta Front-End Developer Professional Certificate

Meta | Coursera | 2023 | [Credential](#)

• Cameras, Exposure, and Photography

Michigan State University | Coursera | 2024 | [Credential](#)

• Principles of UX/UI Design

Meta | Coursera | 2023 | [Credential](#)

• Positive Psychology: Martin E. P. Seligman's Visionary Science

University of Pennsylvania | Coursera | 2023 | [Credential](#)

• Introduction to Philosophy

The University of Edinburgh | Coursera | 2022 | [Credential](#)

Skills

Programming Languages: Python, TypeScript, Go, Dart

Web Development: Nextjs, React, HTML, CSS, Tailwind CSS

Mobile Development: Flutter

AI & Machine Learning: Machine Learning, Deep Learning, Natural Language Processing (NLP), Scikit-learn, TensorFlow

Data & Tools: Kaggle, Git, GitHub, Jupyter Notebook

Development: Responsive Web Development, Mobile Application Development, REST APIs, Database Fundamentals

Professional Skills: Public Speaking, Communication, Teamwork, Community Engagement, Project Management
