



# ZAIN UL AABIDEEN

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 **Portfolio:** <http://zainulaabideen-001-site1.anytempurl.com>

## PROFESSIONAL SUMMARY

I am a Software Engineering graduate from COMSATS University Islamabad with strong hands-on experience in AI, Machine Learning, Deep Learning, and Android Development. I have a proven track record of delivering intelligent systems using PyTorch, TensorFlow, and React Native. A quick learner and adaptive developer, I also maintain a solid freelancing profile on Fiverr. Passionate about developing voice-based AI and mobile applications, I am eager to apply my skills to innovative industry projects and real-world challenges. TECHNICAL SKILLS

- Languages & Frameworks: Python, React Native, JavaScript, FastAPI, Keras, Scikit-learn
- AI & ML: PyTorch, TensorFlow, Hugging Face, LLMs, Transformer Models
- Tools: Firebase, Wix, VS Code, Kaggle
- Soft Skills: Communication, Leadership, Teamwork

## EDUCATION

BS Software Engineering

COMSATS University Islamabad – Attock Campus | 2021 – 2025

Matric (ICS)

Quaid-e-Azam Group of School and College | 2018 – 2021

## PROJECT HIGHLIGHTS

- Deep Fake Audio Detection & Generation (FYP)

Built a system to classify real vs. synthetic audio and generate deepfake speech using advanced models.

- EYE-R App

A React Native app to assist colorblind users via live and image-based color recognition.

- Prayer Record App

Location-aware React Native app for tracking prayer times and streaks.

- Hostel Recommendation Engine

ML-powered system using collaborative filtering to suggest hostels based on user Location.

- Brain Tumor Detection

Achieved 99.9% accuracy using CNN-based image classification.

- Diabetes Prediction App

Risk assessment tool using patient data and ML models with an intuitive UI.

## **EXPERIENCE**

Freelancer & Fiverr Level 1 Seller

Remote | 2022 – Present

- Delivered AI, React Native, and Wix projects to global clients
- Completed 10+ ML projects, 3 Deep Learning, and 2 NLP applications
- Specialized in speech recognition, TTS, and mobile apps

## **INTERNSHIPS**

Machine Learning Intern – CondexCue Software Solution

Remote | Jul 2024 – Sep 2024

- Focused on model development, feature engineering, and hyperparameter tuning
- Worked with Python, Scikit-learn, and real-world datasets

## **CERTIFICATIONS & ACHIEVEMENTS**

- 2x Fiverr Level 1 Seller – Delivered 20+ successful freelance projects
- Built Transformer-based NLP Solutions – Text classification, summarization
- AI Competition Finalist – Participated in university-level AI challenges

## **LANGUAGES**

- English – Fluent
- Urdu – Native