

FARHAN ALI RAZA

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EDUCATION

NED University of Engineering and Technology (CGPA: 3.56 / 4.00)

Karachi (2022–Present)

- Bachelor of Science in Computer Science, Specialization in Artificial Intelligence
- Honor: Al kumar Scholarship: full-ride scholarship

WORK EXPERIENCE

QBS co

Software Engineer Intern – AI Application Development

(Sept 2025 - Present)

- Designing and deploying a mobile application featuring real-time object detection powered by the YOLO model, enhancing on-device AI capabilities..

Propele

Internee App developer

(Aug 2024 - June 2025)

- Built a multi-method authentication system with secure email OTP login.
- Integrated Zego UI Kit for real-time video and voice calls with invitations and logging.
- Implemented premium membership with gender-based access controls.
- Fixed Firestore caching issues and ensured real-time data synchronization on app resume.
- Managed in-app purchases with backend synchronization and ensured lifecycle-based data consistency.

PROJECTS

Finsence AI

(Aug 2025 - Oct 2025)

- Built a sentiment analysis ready to use product using **Deepl Learning Model** and **NLP** techniques to classify financial news as positive, negative, or neutral.
- Applied Deep Learning model like **BiLSTM with Attention mechanism**, **Transformer**, and fine tune a pretrained model **FinBERT**, achieving an overall accuracy of **86%**.

K-Means Analyzer

(Feb 2025 - April 2025)

- Developed a mobile app using **Flutter** to analyze and compare K-Means clustering algorithms across varying numbers of features and clusters.
- Displayed performance metrics such as inertia and number of iterations using **Flutter** to evaluate and visualize clustering effectiveness.

Image Inference App

(Aug 2024 - Oct 2024)

- Built an AI tool using **Python** that converts visual content into descriptive audio for visually impaired users.
- Leveraged **Gemini Pro** and **Groq** APIs to create an interactive, context-aware inference system.

Sentiment Analysis

(Aug 2024 - Oct 2024)

- Built a sentiment analysis model using **Python** and **NLP** techniques to classify text as positive, negative, or neutral.
- Applied classifiers such as **Logistic Regression**, **SVM**, and **Naive Bayes**, achieving an accuracy of **90%**.

COMPETITIONS

Ignite codePK 2025 – Digital Pakistan Speed Programming Competition

(June 2025)

- Participated in the **online round** of Pakistan's largest coding competition organized by **Ignite**.
- Solved competitive programming challenges under strict **time constraints**, demonstrating problem-solving skills.

KODERZ COMBAT – Departmental Coding Competition, Karachi

(Fall 2022 – Fall 2025)

- Participated in departmental coding competitions from **Fall 2022** to **Spring 2024**, showcasing strong problem-solving skills.
- Advanced with team to the **2nd round** in **Fall 2025** and Secured **3rd position**.

SKILLS

Languages

• C++ • Python 3 • Dart • SQL

Frameworks and Technologies

• Bootstrap • MySQL • Flutter • Git