

HAMZA TARIQ

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OBJECTIVE

With a strong interest in software development, I am an aspiring developer looking for chances to use my abilities in a fast-paced setting while continuing to grow professionally and contribute to innovative solutions.

EDUCATION

Bachelors in Computer Engineering

Expected 2025

CEME, NUST, Rawalpindi

Higher Secondary Education (Pre-Engineering)

2019 - 2021

MTB College, Sadiqabad

SKILLS

Programming Languages

Flutter (Dart), Java, Python, SQL, MATLAB, React, C++, C, C#

HTML, CSS, JavaScript

Technologies

Firebase, GitHub, Blender, Unity, Notion, Jira, Postman, Hugging Face

EXPERIENCE

Software Engineer

RISETech, Islamabad

- Spearheading the full-cycle development of IoT-enabled mobile applications using Flutter, ensuring seamless communication between mobile interfaces and hardware devices.

AI Development Internship

MTBC - CareCloud, Rawalpindi, Punjab, Pakistan

- Learned a few fundamental AI algorithms and gained practical expertise with a few real-world AI applications.

Freelancer - Fiverr

Level 2 Seller on Fiverr

- Successfully completed over 50 Flutter and Blender projects, achieving a 4.8-star rating as a Level 2 seller.

Web Development Internship

Eziline Software House Pvt Ltd, Rawalpindi, Punjab, Pakistan

- Developed websites as a front-end developer, gaining valuable experience in problem-solving and critical thinking.

PROJECTS

Explore all my Flutter projects on my GitHub repository, along with screenshots and links: ([GitHub.com/Hmmza-tariq/Flutter-Projects](https://github.com/Hmmza-tariq/Flutter-Projects)). Some notable projects include

AI Recruiter - Project

The AI Recruiter is an automated platform designed to streamline the recruitment process. It allows users to upload resumes, which are parsed to extract relevant information. If details are missing, the system prompts the user to fill in the gaps. After parsing, resumes are scored, and those below a specific threshold are discarded. The remaining resumes undergo psychometric and psychomotor evaluations through an AI-powered chatbot.

The AI Recruiter assess candidates based on predefined HR criteria. A detailed persona is then generated for each selected candidate, which is shared with job posters.

In my FYP, I focused on developing the resume parsing algorithm using prompt engineering and an LLM, implementing resume scoring through BERT score and cosine similarity, and designing the front-end using Flutter. I also integrated MongoDB for data storage and retrieval.

Green-Eats - App

Developed Green Eats, a full-stack grocery app with an admin panel, available on multiple platforms: [Play Store](#), [App Store](#), and [Website](#). Utilized Flutter for front-end development and Firebase for database, authentication, hosting, notifications, cloud functions, and other cloud services. ([Screenshots](#))

Roame - App

Developed 'Roame', a full-stack tour planning app with advanced AI features. The app connects to social media platforms, allowing users to view trending places. It supports hotel/restaurant bookings, trip planning, SQL database management, and integration with third-party APIs for maps, social media, and payment gateways. ([Screenshots](#))

My NUST - App

Created the My NUST App for university students using Flutter, featuring smooth animations, in-app web view, notifications, encrypted local database, and more. The app includes GPA and Absolute calculations, LMS and QALAM access, hostel dues checking, and University News. It is available on [Playstore](#) and is also an open-source project on [GitHub](#). ([Screenshots](#))

WDYT - App

Developed WDYT (What Do You Think) - The Emoji Battleground for Opinions, a social app allowing global users to connect and share opinions. The app uses Flutter and Firebase. ([Screenshots](#))

Water Flow - App

Created 'Water Flow', an IoT-based water level monitoring app. It monitors real-time water level and flow rate, provides geo-fencing notifications, and enables remote control of the water valve. ([Screenshots and APK](#))

Hexagone - Game

Developed 'Hexagone', a third-person perspective open-world game in Unity. The game features a recreation of the Computer and Software Department at NUST CEME, with three mini-games: an arcade game, a car race, and a zombie shooter. Models were created in Blender, and the game was developed using Unity. ([Screenshots and APK](#))

CERTIFICATIONS

The Complete Flutter Development Bootcamp with Dart

June 15, 2023

Platform: [Udemy](#)

Instructor: Dr. Angela Yu

Duration: 28.5 hours

Flutter Advanced Course - Clean Architecture with MVVM

Aug 28, 2023

Platform: [Udemy](#)

Instructor: Mani Farid

Duration: 20.5 hours

International Kangaroo Mathematics Contest

2014, 2015, 2016

By: [IKMC](#)

Highest Position: Institution Level: 1, District Level: 5, National Level: 39

Highest Level: Cadet

NUST High Achievers Certificate

2022, 2023

By: [National University of Science and Technology](#)

Semesters: 3rd, 4th