HAMZA TARIQ

+92(300) 867-4241 ⋄ Islamabad, Pakistan

HamzaTariqWorkMail@gmail.com ⋄ GitHub.com/Hmmza-tariq

[LinkedIn.com/in/hamza-tariq–flutter-developer-expert](https://LinkedIn.com/in/hamza-tariq-flutter-developer-expert) ⋄ hmmza-portfolio.vercel.app

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   2021 - 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   June 2025

- 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   March 2025

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

Freelancer - Fiverr
Level 2 Seller on Fiverr   2023 - 2025

- 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   June - August 2022

- 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). 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 comprehensive homemade food delivery application available on Play Store, App Store, and Website. Built with Flutter and GetX state management, featuring advanced meal planning system (custom, planned, fixed, and subscription plans), real-time order tracking, digital wallet with PayPro integration, Firebase suite (Authentication, Firestore, Realtime Database, Cloud Messaging, Analytics, Crashlytics), organization support for hostels/offices, and maintenance mode with feature-specific controls. (Screenshots)

Celiach-IA - App

Developed Celiach-IA, an intelligent gluten detection mobile app for people with celiac disease. Built with Flutter and GetX, featuring real-time barcode scanning using Google ML Kit, AI-powered OCR ingredient analysis with confidence scoring, SQLCipher-encrypted local database with 3+ million products, delta synchronization for offline access, JWT token-based authentication with trial mode (100 free scans), Stripe subscription integration, secure SSH connectivity, and advanced camera management. The app provides seamless online/offline functionality with background sync and automatic reconnection logic. (Screenshots)

Room-OS - App

Developed Room-OS, a professional-grade meeting room controller for iPad managing multiple Cisco RoomOS devices across multiple floors. Built with Flutter and GetX, featuring Cisco RoomOS xAPI integration for device control (volume, microphone, camera pan/tilt/zoom, DND mode), multi-variant room support with secure credential storage, meeting platform integration (WebEx, Zoom, Microsoft Teams), comprehensive call management with phonebook and contact sync, QSC audio/visual system integration, SSH2 connectivity for advanced commands, real-time standby monitoring with tap-to-wake functionality, and persistent HTTP client with connection pooling. Each room has unique device credentials and dedicated QSC system configuration. (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)

Water Flow - App

Developed Water Flow Monitor, a comprehensive IoT-based water flow monitoring and leak detection system. Built with Flutter, GetX, Firebase RTDB, and ESP32, featuring real-time flow monitoring (L/s, L/h, L/day) with historical analytics, intelligent alert system with automatic leak detection via LoRa sensor network, remote valve control with automated closure on leak detection, geofencing with location-based alerts, 24/7 background monitoring service, interactive data analytics with hourly/daily/weekly/monthly reports, and hardware integration with flow sensor. The system combines ESP32 microcontrollers, LoRa communication, Firebase RTDB, and FCM push notifications for reliable water management. (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