

# HAMZA TARIQ

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## OBJECTIVE

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Application Developer with a keen interest in web and app development, seeking opportunities to apply and enhance skills in a dynamic environment.

## EDUCATION

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### Bachelors in Computer Engineering

Expected 2025

CEME, NUST, Rawalpindi

### Higher Secondary Education (Pre-Engineering)

2019 - 2021

MTB College, Sadiqbad

## SKILLS

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### Programming Languages

Flutter (Dart), Java, Python, React, C++, HTML, CSS, JavaScript

### Technologies

Firebase, GitHub, Blender, Unity

### Skills

REST APIs, Cross-Platform Development, Agile Methodologies, Micro-controllers, GetX, Bloc, App Store, Play Store

## EXPERIENCE

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### Web Development Intern

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

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### My NUST - App

Developed My NUST App ([Play Store](#)) for university students using Flutter. Added many smooth animations and other features like in app web-view, notification reminders, download PDF and encrypted secure local database, etc. It includes tools such as GPA calculation, note-taking, LMS access, hostel dues checking, add reminders, etc. ([Screenshots](#))

### Green-Eats - App

Developed Green Eats, a full-stack grocery app with admin panel, available on multiple platforms including [Play Store](#), [App Store](#), and [Website](#). Used Flutter for the front-end and Firebase for database, authentication, hosting, notification service, cloud functions and other cloud features. ([Screenshots](#))

### Water flow - App

Developed 'Water flow', a smart water level monitoring app that can monitor real-time water level and flow rate, using an IoT device. It also keep record of water level of the whole month. Other main functionalities include Geo-fencing, that will send notification to the user when he/she is out of range and water level alert when reminder is set to particular level. User can also turn on and off the water valve using the app. ([Screenshots and apk](#))

### Hexagone - Game

Developed 'Hexagone', a TPP open world game made in unity. This game is based on the building of Computer and software department at NUST CEME. It additionally consist of three mini games: A mini arcade game, a car race and a zombie killer game. All the 3d models are made in blender and the game is build using unity. ([Screenshots and apk](#))

### Portfolio - Website

Developed React and Three.js based 3D animated portfolio ([Website](#)). I modeled my work setup in Blender and used the power of Three.js to add it to the web to achieve astonishing results.

## CERTIFICATIONS

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### **The Complete Flutter Development Bootcamp with Dart**

June 15, 2023

Platform: [Udemy](#)

Instructor: Dr. Angela Yu

Length: 28.5 total hours

### **Flutter Advanced Course - Clean Architecture With MVVM**

Aug 28, 2023

Platform: [Udemy](#)

Instructor: Mani Farid

Length: 20.5 total 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](#)

Semester: 3rd, 4th