

Muhammad Farzeen Khan Tareen

Islamabad, Pakistan — farzeenkhanTareen@gmail.com

[+92 302 5676982 \(Call\)](tel:+923025676982)

[+92 302 5676982 \(WhatsApp\)](https://wa.me/923025676982)

[LinkedIn](#)

[GitHub](#)

PROFILE

Computer Science student at FAST-NUCES with hands-on experience building full-stack web applications, mobile applications, REST APIs, AI-powered systems, automation platforms, and database-driven software. Experienced with React, Next.js, JavaScript, TypeScript, Node.js, FastAPI, Python, Kotlin, Jetpack Compose, Flutter, PostgreSQL, MongoDB, Redis, Firebase, and WebSockets. Strong foundation in Object-Oriented Programming, Data Structures and Algorithms, Database Systems, Software Engineering, and Artificial Intelligence.

EDUCATION

FAST National University of Computer and Emerging Sciences (FAST-NUCES)

Islamabad, Pakistan

BS Computer Science

Aug 2023 – Present

TECHNICAL SKILLS

Languages: C++, Java, Kotlin, Dart, Python, JavaScript, TypeScript, SQL, PHP, Rust

Frontend: React, Next.js, Vite, HTML5, CSS3, Tailwind CSS, Responsive Web Design

Backend: Node.js, FastAPI, REST APIs, WebSockets, PHP

Mobile: Android SDK, Kotlin, Jetpack Compose, Material 3, Flutter, React Native, Expo

Databases: PostgreSQL, MongoDB, MySQL, Firebase Firestore, SQLite, Redis

AI / ML: Scikit-learn, YOLO, MediaPipe, Computer Vision, Machine Learning, AI APIs, OpenRouter

Tools: Git, GitHub, Android Studio, VS Code, Firebase, Cloudinary

SELECTED PROJECTS

Scrappers All-in-One — Business Data Scraping Platform

[GitHub](#)

- Developed a multi-platform business data scraping platform using a Next.js frontend and FastAPI backend.
- Implemented real-time scraper monitoring with WebSockets, allowing users to monitor scraper execution through a live dashboard.
- Designed backend workflows for running, monitoring, and managing multiple scraping operations.

WhatsApp AI Assistant — AI Automation Platform

[GitHub](#)

- Built a production-oriented WhatsApp AI assistant using FastAPI, Evolution API, and OpenRouter.
- Implemented PostgreSQL-based conversation history and Redis caching for efficient data access.
- Integrated AI-powered conversational workflows with external WhatsApp messaging infrastructure.

Fiora Rosa — E-Commerce Platform

[Live Website](#)

[GitHub](#)

- Developed a modern perfume e-commerce platform with responsive product browsing, categories, and product-focused user interfaces.
- Implemented a responsive web experience optimized for desktop and mobile users.
- Production website: fiorarosa.com.

EMU Tech — Technology Services Website

[Live Website](#)

- Developed a professional technology services website for EMU Tech with responsive layouts and service-focused presentation.
- Created a modern web presence designed for clear presentation of technology services and offerings.
- Production website: emutech.net.

AthleteVision — AI Sports Analysis Platform

[GitHub](#)

- Developed an AI-powered sports analysis platform for football and cricket video analysis.
- Implemented player tracking using YOLOv11 and ByteTrack with MediaPipe pose estimation.

FASTable — University Timetable Application

[Live App](#)

[GitHub](#)

- Developed a timetable management application with automated reminders, schedule management, and offline access.
- Production application: fastable.site.

ADDITIONAL PROJECTS

VitalTrack Lite — Kotlin, Jetpack Compose

Sajdah — Kotlin, Android

Movie Trailer App — Flutter, TMDB API

React Native Todo — Expo, TypeScript

BatteryX — Kotlin, Jetpack Compose

QR Studio AI — Kotlin, Android

FairTurn — Flutter, SQLite

Location Alert — Flutter, GPS, Geofencing

ADDITIONAL INFORMATION

- Experience across full-stack web development, Android, Flutter, AI/ML, computer vision, automation, and database systems.
- Experienced with Git and GitHub-based collaborative development workflows.
- Languages: English (Professional), Urdu (Native).