

HAMZA MUNIR

Expert Flutter Developer

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[GitHub Profile](#) | [LinkedIn Profile](#) | [YouTube Channel](#) | [Portfolio Website](#)

PROFESSIONAL SUMMARY

Flutter Developer with 2+ years of experience delivering production-ready cross-platform apps using Flutter and Dart. Strong focus on clean architecture, scalable state management (BLoC, GetX, Provider, Riverpod), testing, and smooth real-time integrations (AI, IoT, and e-commerce). Published multiple apps on both Play Store and App Store with hands-on experience in payments, ads, and backend integrations. Passionate about UI/UX, performance optimization, and writing maintainable, testable software that scales.

TECHNICAL SKILLS

- **Mobile Development:** Flutter (BLoC, GetX, Provider, Riverpod), Dart
- **Backend & Services:** Firebase, Supabase, Django, Django REST Framework (DRF)
- **APIs & Communication:** REST APIs, GraphQL, WebSockets
- **Databases & Storage:** Hive, SQLite/Sqflite, SharedPreferences, MySQL, PostgreSQL
- **CI/CD & DevOps:** Git, GitHub Actions, GitLab CI, Codemagic, Fastlane, Docker
- **Testing:** Unit Testing, Widget Testing, Integration Testing
- **Payments & Fintech:** Stripe, PayPal, Braintree, Wise, Payoneer, Crypto & blockchain payments
- **Ads Integration:** Google AdMob, Facebook Audience Network
- **Core Concepts:** Clean Architecture, MVVM, MVC, MCCM, BLoC, Navigation 2.0, OOP, Localization, Responsive UI, Google Maps
- **Languages:** Dart, Kotlin, Swift (iOS basics), C++, Java, Python, JavaScript, YAML
- **Other Skills:** Teaching & Research, Technical Content Creation

WORK EXPERIENCE

Software Engineer

April 2025 – Present

IIFA Tech, Lahore | Mobile Development

- Integrated advanced payment solutions including crypto wallets, NFT transactions, and blockchain-based payment flows
- Implemented AI/ML features such as recommendation systems, predictive analytics, and automation tools
- Integrated in-app advertising frameworks and optimized ad placements for revenue performance

Associate Flutter Developer

Nov 2024 – April 2025

IIFA Tech, Lahore | Cross-Platform Development

- Built scalable Flutter apps using BLoC pattern with team of developers
- Assisted in integrating hybrid features with React Native components
- Refined CI/CD workflows and reduced manual testing overhead
- Participated in code reviews and mentored junior team members

Flutter Developer

Dec 2023 – Oct 2024

Sivers. Co, Lahore | Full-Stack Mobile

- Ported legacy system to Flutter Web with responsive layouts
- Utilized Dart isolates for background processing and local data management
- Optimized app performance and responsiveness across multiple screen sizes

Remote Flutter Intern Leader
ZAM Studios | Team Leadership

Sep 2023 – Nov 2023

- Led team of interns to deliver Firebase-integrated mobile app with AI insights
- Conducted code reviews and mentored interns on Flutter fundamentals

Flutter Developer Intern
IIFA Tech, Lahore | Mobile Development

Jul 2023 – Aug 2023

- Built responsive UI from Figma designs using Flutter
- Implemented Firebase CRUD operations and reusable UI components

EDUCATION

BS Computer Science 2021 – 2025
University of Management and Technology (UMT), Lahore

F. Sc. Pre-Engineering 2018 – 2020
Divisional Higher Secondary School, M. Garh — D. G. Khan Board

Matriculation – Science 2015 – 2017
Sardar Kauray Khan Public Higher Secondary School, M. Garh

Mobile App Development with Flutter 2023
UMT Lahore

KEY PROJECTS

Live Projects — Published on Play Store & App Store

PGMart Seller: Sell Online

E-Commerce — Flutter, BLoC, Firebase

Seller app with product, order, and store management. Real-time inventory, analytics, and product uploads.

[GitHub](#) | [Play Store](#) | [App Store](#)

Stora — AI Image to Story

AI/ML — Flutter, Provider, Firebase

Converts user images into AI-generated stories and saves story history using Firebase Storage.

[GitHub \(Private\)](#) | [Play Store](#) | [App Store](#)

Simple Habit Tracker Pro

Productivity — Flutter, Local Storage

Habit tracking app with clean UI for daily routines and progress tracking.

[GitHub](#) | [App Store](#)

PGMart: Ultimate Shopping

E-Commerce — Flutter, BLoC, Firebase, Payments

Customer-facing shopping app with cart, payments, search, filters, reviews, and order tracking.

[GitHub](#) | [Play Store](#) | [App Store](#)

Featured / Non-Published Projects

Prayer Jammatt Times

Islamic App — Flutter, Firebase, Geolocation, AI

Prayer time tracking based on fiqa and location, with AI Qibla detection and real-time updates.

[GitHub](#)

Ventia — IoT AC Controller

Advanced IoT — Flutter, GetX, IoT SDK

Control AC remotely using custom IoT device, with AC data per family member.

[GitHub](#)

BloodBridge AI — Blood Donation Platform

Health & Medical — Flutter, Firebase, AI

Connects donors with recipients using AI chatbot and real-time matching.
[GitHub](#)

ACHIEVEMENTS & RESEARCH

- **FYP Selected for Punjab HEC Expo 2025 — pakPOL: Crime Management System**
Selected among 100+ FYPs to represent UMT. Used Flutter, Firebase, Django, MySQL, and DeepFace with facial recognition (96% accuracy), fingerprint verification, and cloud sync.
- **Research Publication — pakPOL: “Manages Crime, So You Don’t Have To!”**
Co-author in UMT’s official FYP research submission on AI-powered crime management and identification.
[Research Paper Repository](#)

CERTIFICATES & RECOGNITIONS

- Mobile App Development with Flutter — UMT Lahore
- Flutter Development Certificate — IIFA Tech
- AI/ML Integration Certificate — Coursera
- Flutter Developer & Intern Leader — ZAM Studios
- [Certificates Repository](#)

CONTENT CREATION & COMMUNITY

YouTube Channel: [@aiwithflutter](#)

Created comprehensive playlists on Dart, Flutter, and AI with Flutter. Focused on teaching and helping developers build production-ready applications.