



ZEESHAN ASHRAF

FLUTTER DEVELOPER | MOBILE APPLICATION ENGINEER

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SUMMARY

Dedicated software engineer & Flutter developer with 2+ years building scalable, cross-platform apps. Expert in Dart, Flutter, Firebase, and Supabase; deliver end-to-end solutions across the full SDLC. Ship AI-powered features, real-time tracking, and enterprise management platforms. Strong state management: Provider (primary) with working knowledge of Riverpod and GetX; robust RESTful API integrations. Focused on user-centric design, clean architecture, testing, and performance optimization.

WORK EXPERIENCE

Flutter Developer | InfraBit IT **Feb 2024 - May 2024 | [Muzaffarabad]**

- Architected and deployed 3+ production-ready mobile applications using Flutter.
- Implemented Provider state management reducing app load time and improving code maintainability and designed responsive UI/UX improving user engagement.
- Collaborated with cross-functional teams using Agile methodologies.Optimized app performance through code profiling and lazy loading.
- Conducted code reviews for 20+ pull requests, maintaining code quality standards and reducing bugs.

Freelance Flutter Developer — Self-employed **Sep 2024 – Present**

- Delivered production mobile/web apps in Flutter with Supabase/Firebase backends and Provider state management.
- Built multi-tenant dashboards (distribution & school systems) with role-based access and realtime features.
- Owned end-to-end delivery: scoping, UX, API design, testing, CI/CD, store builds, documentation, and client training.

EDUCATION

BS Software Engineering **2020-2024**
Mirpur University of Science & Technology(Must) CGPA 3.0/4.0
Mirpur AJ&K

- Washington Accredited Level 2 Degree**
- Comprehensive curriculum focused on software development lifecycle, system architecture, and emerging technologies.
 - Core coursework: Software Design & Architecture, Data Structures & Algorithms, Requirements Engineering, Cloud Computing.
 - Advanced specializations: Mobile App Development, Artificial Intelligence, Internet of Things (IoT).
 - Technical foundations: Database Systems, Operating Systems, Object-Oriented Programming (OOP), Programming Fundamentals, Formal Methods.
 - Professional development: Software Project Management, Business Communication, Software Quality Engineering.
 - Primary focus: Developing cross-platform mobile applications using Flutter, leveraging Dart, Firebase, and state management Provider/GetX/Bloc.

TECHNICAL SKILLS

- Programming Languages: Dart, OOP
- Mobile Development: Flutter, Cross-Platform Development,
- State Management: Riverpod, Provider, GetX Architecture: MVVM.
- Version Control: Git, GitHub, GitLab, CI/CD
- DevTools Tools: Android Studio, VS Code, Xcode, Postman, Figma, Firebase Console
- Deployment: Firebase Hosting, Google Cloud Platform, App Store, Play Store

PROJECTS

Final Year Project (FYP)

EduFix: Child Companion System

- Developed an innovative classroom enhancement app using Flutter to bridge communication between students, teachers, and parents.
- Utilized machine learning models for real-time student tracking, live emotion analysis, and predicting exam performance based on attendance and test reports.
- Integrated features to detect teachers' hate speech and securely stored all data in Firebase for reliability and scalability.
- Designed a parent-facing module to monitor child progress and receive detailed insights into academic performance.

DFitFactor - AI-Powered Gym & Fitness Management App

- Developed comprehensive AI-based fitness tracking application
- Built features: workout tracking, nutrition logging, progress analytics, AI form checker, custom workout plans
- Designed admin dashboard for gym management, member tracking, and performance analytics
- Impact: Reduced manual tracking time by 70%, increased workout adherence

GOMO-Ride Booking App

- Architected full-stack ride-booking platform with 2 separate applications: User, Driver, and Admin Panel (similar to InDrive)
- Developed real-time ride matching algorithm
- Integrated Google Maps API for route optimization, live tracking, and fare calculation
- Built showroom management module enabling multiple vendors to list and manage their vehicle inventory
- Created comprehensive admin panel for user management, ride analytics, driver verification, and revenue tracking

Distribution Management System (DMS)

- Engineered enterprise-level distribution management system managing inventory
- Implemented Supabase for real-time database synchronization and role-based access control.
- Integrate multi-level user hierarchy: Super Admin, Distributor Admin, Sales Team, Warehouse Manager
- Designed analytics dashboard with visual charts showing sales trends, stock levels, and performance metrics

School Management System

- Developed comprehensive school management platform handling 1,000+ students and 50+ staff members
- Built modules: student enrollment, attendance tracking, grade management, fee collection, timetable scheduling
- Created parent portal for real-time student progress monitoring, attendance alerts, and fee payment integration
- Developed teacher dashboard for grade entry, attendance marking, and student performance analysis

E-commerce App

- **Product browsing** with categories, filters, and detailed product pages
- **Shopping cart** for adding/removing items and secure checkout
- **Admin panel** for managing products, orders, and customer accounts
- **User authentication** and push notifications for order updates and promotions

Swift Stay:Travel App

- Budget tracking for managing travel expenses
- Accommodation suggestions based on preferences
- Location recommendations using ML models
- Google Maps integration for navigation and nearby attractions

Note: Others projects are added on my github and portfolio

LANGUAGES

Urdu	Fluent
English	Conversational
Hindko	Fluent