

Umair Iqbal

Flutter | Firebase | TESTING | CI/CD | Github Workflows | Android Apps | IOS Apps
Karachi, Pakistan | [\(+92\) 3402591229](tel:+923402591229) | umairiqbal9889@gmail.com | [My-Portfolio](#) | [LinkedIn-Profile](#)

Skills

- Flutter and Dart
- Excellent Problem Solving Skills
- Firebase (RTDB, FCM, Firestore, Firebase Auth)
- Version Controlling (GIT, GitHub)
- Payment Gateway Integration
- Google Maps API (Integration)
- Third Party Api Integration (REST API)
- Websockets & Socket.IO integration
- Social Login (Google, Facebook)
- App Localization (Multi-lingual Apps)
- State Management (BLoC, Provider, Getx)
- Local Notifications, Push Notifications, Periodic Notifications
- JSON serialization
- Custom Components
- MVC Architecture, MVC Architecture
- Screen Adaptive Designs (Responsive Apps)
- Unit Testing & Widget Testing

Work Experience

Flutter Engineer (October 2023 – Till Present)

Avialdo Solutions (Karachi)

Job Description:

- **Avialdo Solutions** owns a white-labeled product that serves **more than 280 unions** in **Canada**, and the **America**.
- Implemented **GitHub workflows** for **CI/CD pipelines**, streamlining the deployment of **280+ Android** and **iOS apps** to the Play Store and App Store.
- **Automated build and release** processes using **Fastlane**, integrated with cost-efficient **self-hosted runners** to enhance scalability and reduce operational costs.
- Developed workflows for the **automated creation of new apps** via Fastlane on the App Store.
- **Implemented test coverage validation** by configuring GitHub workflows to generate reports and enforce thresholds, ensuring high-quality code and **preventing inadequate test coverage** from being merged into the main branch.
- Spearheaded **unit and widget testing** to guarantee high-quality software delivery and minimal defects.
- Engaged in **code reviews**, emphasizing code optimization, maintainability, and scalability of the Product.
- Engaged in continuous monitoring to **enhance user satisfaction**.

Flutter Developer (July 2022 – Oct 2023)

Four-Fox IT Services & Consulting

Job Description:

- Developed and maintained **5 Flutter-based projects**, working both **independently** and as **part of a team**.
- **Successfully deployed 3 apps** as a solo Flutter developer to PlayStore and AppStore.
- Utilized **GetX state management** to ensure efficient data flow and state handling across applications.
- Managed multiple projects simultaneously, improving **time management** and project prioritization skills in a **high-pressure** and **fast-paced environment**.
- Worked on **individual projects**, managing the **entire development** cycle from concept to **MVP delivery**, meeting **strict deadlines** and **project milestones**.

Internship (Flutter) (Dec 2021 – March 2022)

Plural Dynamics (Remote)

Job Description:

- Developed and designed UI components using Flutter for a **Healthcare app**, ensuring a smooth and responsive user experience across platforms.
- Built **reusable UI components**.
- Implemented **Provider state management** for efficient data handling and state updates across the app.
- Collaborated on **improving app responsiveness** and user flow through **iterative design**.

LinkedUnion (White-label Product)

LinkedUnion is a white-labeled product built with Flutter and Python (Django)

<https://linkedunion.app/>

My Role:

- Led **CI/CD pipeline** implementation using GitHub workflows, automating the deployment of **280+ Android and iOS** apps to the Play Store and App Store.
- Initiated and led the implementation of comprehensive **widget and unit tests**, significantly improving code quality and reducing defects across the product.
- Enforced **test coverage** standards by configuring GitHub workflows to generate reports and prevent merging of insufficient test coverage.
- **Optimized API calls** for improved performance and reduced response times across the platform.
- Fixed critical bugs, ensuring stable and reliable app performance for end users.

Project Dependencies:

dio, hive, firebase_auth, flutter_bloc, flutter_inappwebview, flutter_localizations, flutter_local_notifications, flutter_secure_storage, connectivity_plus, intl, map_launcher, onesignal_flutter, pull_to_refresh, shared_preferences, url_launcher, shimmer, datadog_flutter_plugin, flutter_timezone, google_maps_flutter, web_socket_channel, mockito, build_runner, mocktail, pull_request_coverage.

Vacation From Cleaning (VFC) — Cleaning Services for Your Home

Live on Play Store & App Store – These apps streamline the **booking** and **service delivery** process, enhancing both **customer experience** and **contractor performance**.

<https://vacationfromcleaning.com/>

My Role:

VFC User (Customer App) & VFC Contractor (Cleaning Service Provider App)

- Developed and maintained VFC User, a seamless customer app for **booking cleaning services**, featuring **user registration**, **real-time service tracking**, and **easy access to service provider profiles**.
- Enabled **real-time notifications**, **service booking**, and **customer ratings** to enhance user satisfaction and service transparency.
- Designed and optimized **VFC Contractor**, empowering **cleaning professionals** with **job listings**, **schedule management**, and **in-app communication** for efficient job execution.
- Integrated **performance analytics** for contractors, allowing them to track **customer feedback** and improve service delivery.
- Enhanced **customer-provider interactions** by incorporating features such as **in-app chat** and **real-time updates** on **job status**, ensuring smooth communication throughout the service lifecycle.

Project Dependencies:

Dio. socket_io_client. SQLite. Flutter Google Places. Firebase FCM. PayPal Payment Sdk, Share plus, EasyLoading. BotToast. Internet Connectivity. Flutter Google map. Map location picker. Geolocator. Geocoding. etc.

FITNESS EXCHANGE

Live on Play Store & App Store – Connecting Fitness Enthusiasts with Skilled Trainers.

<https://www.linkedin.com/fitness-exchange-application/>

My Role:

- Developed **FITNESS EXCHANGE**, a platform designed to connect **fitness enthusiasts** with **experienced trainers**, offering dual signup roles for both **trainees** and **trainers**.
- Enabled **gym search** and easy joining for trainees, making it easier for them to find and access professional **guidance** from certified trainers.
- Created detailed **trainer profiles** showcasing their **expertise**, allowing users to choose the best match for their fitness goals.
- Integrated **chat functionality** to ensure smooth, real-time communication between trainees and trainers.
- Allowed users to **create training session requests** with trainers, optimizing scheduling and coordination.
- Added the ability to **upload workout videos and documents**, enriching the app's content and providing users with valuable resources.

Djelac — Lending and Renting Platform

The **Djelac** app streamlines the **lending and renting process**, providing a secure and efficient way for users to share items, promoting a **circular economy**.

My Role:

- Build the **Djelac mobile app**, enabling users to **list items** available for **lending or renting** and creating an accessible platform for peer-to-peer transactions.
- Integrated a seamless **request system**, allowing users to **request rentals** and item owners **to accept or reject requests** efficiently.
- Enabled **in-app chat functionality**, fostering clear and direct communication between lenders and renters for smooth transaction coordination.
- Implemented a **rating system** where users can **rate their experience** as either a lender or renter, helping maintain trust and quality on the platform.
- Integrated **Stripe and PayPal** for secure and efficient **payment processing**, allowing users to easily handle transactions for their rented or lent items.

ALEYK — The Social App

Empowering Connections through Social Interaction.

My Role:

- Build the mobile Developed the **ALEYK social app**, allowing users to create and manage **personalized profiles**, tailoring their online identity for a more engaging social experience.
- Integrated **real-time push notifications** to ensure users are instantly updated with important events and interactions, keeping them engaged at all times.
- Implemented an innovative **location-based matching** system, helping users discover and connect with others in their **vicinity** for a more dynamic and localized social experience.
- Created a unique **“Best Matches” filter**, which enhances compatibility by suggesting connections with users who share similar interests and goals.
- Introduced the **“Connections” feature**, giving users a simple way to manage and maintain their network, fostering long-lasting social relationships.
- Implemented a fully functional **chat system**, allowing users to communicate effortlessly and securely within the app, enhancing interaction and engagement.

NEWGAME — In-house Tabletop Gaming Event Platform

The **NEWGAME** app offers an **interactive and engaging experience** for tabletop gaming enthusiasts, combining event management, social networking, and real-time communication all in one platform.

My Role:

- Enabled **participant registration** to streamline event sign-ups and ensure smooth event planning and participation.
- Integrated a **rating system** for players, allowing users to provide feedback and enhance the overall competitive and social experience.
- Incorporated **real-time chat** to facilitate instant communication among participants, ensuring easy coordination and strategy discussions during gameplay.
- Implemented **push notifications** to keep players **updated** on important event details, reminders, and any changes in the schedule.
- Offered **in-app purchases** for **premium features**, providing users with exclusive tools and content for a more immersive experience.

Academic Qualifications

- **Bachelors of Computer Science** (2019 – 2023)

Umaer Basha Institute of Technology (UBIT) - University of Karachi (UoK)