

# Umair Ruman

Full Stack Developer

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## Professional Summary

Passionate and skilled Full Stack Developer with over 4 years of experience specializing in Flutter, Android (Native), and the MERN stack. I have successfully delivered high-performance and scalable solutions across various domains, including IoT, social interaction, education, and healthcare. My experience spans freelancing, contract-based roles, and full-time positions within companies, where I have developed, led, and supervised applications of diverse types and complexities. I am a quick and adaptive learner, not limited to any single framework or technology. My ability to rapidly acquire new skills allows me to contribute effectively to a wide range of projects. Currently, I am expanding my expertise in Deep Learning (AI) to build intelligent, automated solutions for modern challenges.

## Skills

- **Programming Languages:** Dart, Java, Python, C++, Javascript
- **Frameworks:** Flutter, Android, React Js, Node and Express Js
- **Databases:** SQLite, Mongoddb, Firestore, Hive, Realm, ObjectBox
- **Development Practices:** MVC, MVVM, Flutter Clean Architecture
- **Other:** All RESTful APIs, Git, Agile Methodologies (Scrum, Lean, Kanban), Strong OOPs foundation, Data Structures, Operating System

## Education

**Bachelor of Science in Computer Science**

(Islamia University of Bahawalpur)

- Topper of batch with 3.8+ CGPA, final-year student.
- Relevant Coursework: Mobile Application Development, Database Systems, Software Engineering

## Professional Experience

**Senior Full Stack Developer**

*Center for Advance Solutions*

*Present*

- Lead end-to-end development of web and mobile applications, designing scalable architectures, responsive frontends, and robust backend systems.
- Mentor junior developers, fostering collaboration and driving innovation to ensure seamless user experiences across projects.

- Completed two IoT projects, integrating hardware and software to deliver real-time smart application systems.
- Developed scalable architectures and ensured reliable data communication, enhancing expertise in IoT solutions.

**Freelancer***Independent*

2022 – 2023

- Independently managed and delivered projects across the full lifecycle, from requirements gathering to deployment.
- Adapted to diverse technical challenges, ensuring timely delivery and high client satisfaction in dynamic environments.

**Junior App Developer***Center for Advance Solutions*

2021 – 2022

- Specialized in Android Native and Flutter development, building high-quality apps in e-commerce, productivity, and social interaction domains.
- Collaborated with cross-functional teams to enhance user experiences through intuitive design and performance optimization.

## **Projects**

### **Car Wash App**

- Developed a cross-platform mobile app for clients in Belgium to streamline car service operations, connecting providers with customers for services like exterior washing and interior detailing.
- Implemented Admin and Client roles, enabling service management, pricing, scheduling, and booking with push notifications, online payments, and Firebase-powered authentication and storage.

### **Home Automation App**

- Designed an IoT app for controlling smart devices over Wi-Fi, featuring secure authentication, real-time device control, device grouping, and QR code pairing.
- Built with Flutter and Firebase, offering a scalable solution with light/dark theme customization and developer-friendly API testing tools.

### **Health Book**

- Created a healthcare platform connecting patients, technicians, and labs for test bookings, sample collection, and digital report delivery with real-time notifications.
- Developed Customer and Technician apps and a web-based Lab Panel, incorporating secure data handling, technician monitoring, and multi-language support.

## **Kwela**

- Built a ride-hailing app with driver and passenger interfaces, supporting real-time tracking, fare estimates, and intelligent ride-sharing logic.
- Integrated Google Maps APIs, discount token systems, and referral programs, ensuring a cost-effective and engaging user experience.

## **Unit Converter & Health Utility**

- Developed an app for unit conversions (length, weight, etc.) and health calculators (BMI, BMR), with offline functionality, multi-language support, and favorite conversions.
- Featured unique converters like Screen DPI and Shoe Sizes, with a clean UI and history log for user convenience.

## **Chat Application**

- Built an enterprise-grade chat app for internal company communication, featuring end-to-end encryption, real-time messaging, and media support.
- Utilized Firebase for authentication, role-based access, push notifications, and secure data management.

## **Home Management App**

- Collaborated on an app for household budgeting and shared expenses, offering category-based tracking, multi-user support, and graphical reports.
- Enhanced skills in collaborative development and state management, delivering a responsive UX for financial management.

## **Meditation Club App**

- Developed a tablet-based app for meditation clubs, featuring guided session setup, pre-timer selection, and automatic music playback.
- Included admin features for device and track management, creating a user-friendly and calming experience.

## **Digital Recipe Book**

- Created a culinary app with a recipe database API, enabling users to discover, save, and filter recipes by ingredients and cuisine.
- Featured secure authentication, offline access, and responsive design for a seamless cross-platform experience.