MUHAMMAD SAYYEDAIN

0349-87193-52 | sayyedain0001@gmail.com | LinkedIn | GitHub

EDUCATION

Bahria University   Lahore, Pakistan
Bachelor of Science in Computer Science   *Sept. 2022 – Expected June 2026*

TECHNICAL SKILLS

Languages: Dart, Python, SQL, C/C++
Frameworks & Tools: Flutter, Firebase, Hive, Deep Linking, Localization, Git, VS Code
Databases: Firestore, MySQL, SQLite
Specializations: Mobile App Development, UI/UX, Real-Time Apps

EXPERIENCE

OptimusFox   Lahore, Pakistan
Mobile App Development Intern   *June 2025 – July 2025*

- Built a full-stack **Property Booking App** using **Flutter** and **Firebase**, enabling seamless rentals, property listings, and real-time management.
- Developed secure **role-based authentication** (User & Admin) using Firebase Authentication.
- Implemented a real-time booking engine with **Firestore**, preventing schedule conflicts and ensuring accurate property availability.
- Created a full-featured **Admin Panel** supporting **CRUD operations** on properties and user bookings.
- Enabled offline app functionality using **Hive caching** and **connectivity_plus**.

GitHub

PROJECTS

Pet Adoption App   GitHub

- Developed a feature-rich mobile app enabling seamless pet adoption workflows.
- **Authentication & Onboarding:** Implemented Firebase Auth and a structured onboarding questionnaire.
- **Smart Matching:** Designed a Tinder-style, gesture-driven recommendation interface.
- **Real-Time Chat:** Added Firestore-powered messaging with timestamps and live updates.
- **Seller Dashboard:** Enabled advanced listing management with image upload and health details.

FoodBasket App – Food Ordering App   GitHub

- Created a modern food ordering app with an intuitive UI and smooth in-app purchasing experience.
- **Google Authentication:** Integrated secure login using Google Sign-In and Firebase.
- **Hive Local Storage:** Implemented cart persistence, caching, and offline browsing.
- **Deep Linking:** Enabled direct navigation to menu items from external links.
- **Localization:** Added multi-language support for a global user experience.

SwiftChat – Real-Time Chat App   GitHub

- Built a basic chat application to learn real-time messaging concepts using Firebase backend.
- Implemented **Google Authentication** for secure login.
- Designed a **Latest Messages screen** to view recent conversations at a glance.
- Created a **Profile view** to see user details and initiate chats.
- Implemented real-time messaging functionality with message timestamps and notifications for new messages.

Additional Flutter Projects:

- **Shopping List App:** Dynamic item management with responsive UI [GitHub]
- **Expense Tracker:** Interactive charts and budget insights [GitHub]
- **Quiz Application:** Multiple-choice quiz engine with scoring system [GitHub]