

Abdullah Usman

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EDUCATION

Quaid-i-Azam University – Bachelor's in Computer Science

Oct 23 – Jun 27

- Key Courses: Programming and Problem-Solving, Object-Oriented Programming, Data Structures and Algorithms, DBMS

CERTIFICATIONS

Flutter and Dart: Developing iOS, Android, and Mobile Apps – IBM

Nov 24 – Jan 25

- Learned how to develop cross-platform mobile applications using Flutter and Dart.
- Gained expertise in building UI/UX friendly apps with responsive designs.
- Worked on API integration, database management, and performance optimization.
- Implemented navigation, form validation, and database integration.

Mobile App Notifications, Databases, & Publishing – Skillup EdTech

Feb 25 – Mar 25

- Explored diverse database systems, including SQL, NoSQL, and Cloud based solutions.
- Developed expertise in sending tailored notifications using platforms like FCM and Apple-Specific methods.
- Implemented strategies to deliver notifications based on user preferences for both iOS and Android.
- Gained practical expertise in publishing Flutter apps to the Google Play Store and Apple App Store.

PROJECTS

Movie Booking System (C++ and File Handling)

May 24

- [GitHub-Repository](#)

The C++ Movie Booking System is a console-based application that allows both customers and a predefined manager to interact efficiently. It includes a **secure authentication** system with sign-up, sign-in, and password reset options. The manager can schedule movies up to three days in advance, while customers can browse schedules, book tickets, and review bookings. With real-time updates and data persistence achieved through **file handling**, the system ensures a smooth experience. Built using **OOP principles**, it effectively manages user roles, ticketing, and scheduling.

MovieNest App (Using Flutter and Dart)

Mar 25

- [GitHub-Repository](#)

MovieNest is a dynamic movie app built with **Flutter**, **Firebase**, and the **TMDB API**, providing users with an interactive platform to explore and manage their favorite movies and TV shows. It fetches **real-time data** from TMDB, ensuring an up-to-date catalog of movies and shows. Firebase Authentication secures user login, while **Firestore** enables real-time data storage and updates when users add or remove favorites. The app utilizes **Provider** for efficient **state management**, ensuring a seamless and engaging experience.

Expense Tracker (Using Flutter and Dart)

Jan 25

- [GitHub-Repository](#)

The Expense Tracker App is a personal finance management application built with **Flutter** that enables users to record, track, and analyze their daily expenses. Users can categorize their spending, set budgets, and monitor their financial habits over time. The app uses **local storage** for secure and **offline data management**, ensuring that all records remain accessible without an internet connection. The simple yet effective design allows for quick data entry and **insightful expense summaries**, making financial tracking effortless.

SKILLS

- **Programming Languages:** C++, Dart, Python, SQL
- **Technologies:** Flutter, Firebase, Git,
- **Development Tools:** Android Studio, VS Code, GitHub
- **Soft Skills:** Debugging, Documentation, Team Collaboration