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**.**

The Structured Query Language (SQL) – University of Colorado Boulder　　　　　　Dec 24 – Jan 25

- Learned about the origins and historical basis of SQL**.**
- Gained expertise in standard SQL usage and syntax**.**
- Developed skills to code SQL queries for analyzing data stored in relational databases**.**
- Worked with **PostgreSQL** for database querying and management.

PROJECTS

Movie Booking System (C++ and File Handling)

- GitHub-Repository　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　May 24

  The C++ Movie Booking System is a console-based application that allows both customers and a predefined manager to interact with the system efficiently. It features a secure authentication system, including sign-up, sign-in, and password reset capabilities. The manager has exclusive privileges to schedule movies for up to three days from the current date, ensuring flexibility in show planning. Customers can browse movie schedules, book tickets for multiple days, and review their bookings. The system ensures a smooth user experience with real-time booking updates and data persistence. Designed using object-oriented programming principles, it efficiently handles user roles, ticket management, and scheduling, making it a reliable solution for movie reservations.

Time Tracker (Using Flutter and Dart)

- GitHub-Repository　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Dec 24

  The Daily Planner & Reminder App is a Flutter-based task management application designed to help users schedule their daily activities, set reminders, and manage upcoming tasks efficiently. Users can add, edit, or delete tasks while receiving notifications for scheduled reminders. The app utilizes local storage for data persistence, ensuring that tasks remain saved even after the app is closed. With a clean and intuitive UI, it provides a seamless experience for productivity and time management.

Expense Tracker (Using Flutter and Dart)

- GitHub-Repository　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Jan 25

  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, PostgreSQL, Git
- **Development Tools**: Android Studio, VS Code, GitHub
- **Soft Skills**: Problem Solving, Debugging, Team Collaboration