# USAMA QASIT

Software Engineer (Flutter)

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## Education

**Comsats University Islamabad (CUI)**                                    **2020 – 2024**
*Bachelor of Science in Software Engineering*

## Experience

**Flutter Developer**                                    **Pakistan Television Corporation**
*August 2024 – (Present)*                                    *Islamabad, Pakistan*

- Played a pivotal role in the development and successful execution of various projects, demonstrating a strong commitment to achieving project goals and deadlines.
- Spearheaded the implementation of Clean Architecture principles, ensuring code maintainability and separation of concerns for enhanced project scalability.
- Implemented MVVM pattern for clean data binding and separation of UI from business logic, enhancing code maintainability.
- Implemented RESTful APIs and integrated third-party services to enhance application functionality.

**Flutter Developer**                                    **CAPS IT Solutions (Pvt) Ltd**
*Feb 2024 – July 2024*                                    *Rawalpindi, Pakistan*

- Developed the Vision POS app using GetX and the MVC design pattern for scalability and maintainability.
- Integrated backend services for real-time synchronization of sales, inventory, and customer data.
- Enhanced inventory management with low-stock alerts, and efficient stock tracking.
- Proficient in leveraging Flutter's methods to integrate and manipulate maps for dynamic and interactive user experiences.
- Created seamless navigation and routing using GetX to enhance the user experience in the Vision POS app.

## Personal Projects

**Quick Chat | *Flutter, Firebase, Getx***                                    (Click here for GitHub Code)

- Developed a real-time chat application using Flutter and Firebase, enabling seamless one-to-one messaging interactions.
- Implemented phone number authentication for secure user login and registration processes.
- Designed and integrated a comprehensive user profile management system, allowing users to update and customize profiles.
- Enabled one-to-one chat functionality with real-time messaging.

**AI Powered Medical Diagnosis App | *Flutter, PyTorch***

- Developed a responsive frontend with Flutter and a robust backend with machine learning integration, ensuring seamless functionality for disease prediction
- Utilizes sophisticated machine learning models to accurately predict diseases based on user-reported symptoms.
- Integrates these models into a Flutter app, offering a user-friendly interface for symptom input, diagnostic results, and personalized treatment recommendations.

**MapQuestor | *Flutter, Google Maps* (Click here for GitHub Code)**

- Integrated Flutter Map package to provide an interactive visual representation of visited locations on a map.
- Displayed custom markers on the map to highlight visited cities and countries, with interactive elements for viewing details.

## Certifications

**The Complete Flutter Development Bootcamp with Dart**                                    **Issued Date 2024**
*Angela yu*                                    *Udemy Remote*
**The Ultimate Flutter Course : Flutter, Firebase & More**                                    **Issued Date 2023**
*Hussian Mustafa*                                    *Udemy Remote*

## Technical Skills

**General Programming**: C++, Dart, JavaScript (ES6+), Object Oriented Programming (OOP), Data Structures
**Technologies**: Flutter,Firebase, RESTful APIs, Postman, Swagger
**Libraries**: Getx, Provider, HTTP, Google Maps Flutter, VelocityX