Muhammad Osama Yasin Abbasi

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Date of birth: 28/12/1999 **Nationality:** Pakistani

WORK EXPERIENCE

[01/10/2022 – Current]

Application developer

Team X

City: Karachi

Country: Pakistan

- Support the entire application lifecycle (concept, design, test, release and support).
- Collaborate with a team to define, design, and ship new features.
- Cooperating with back-end developers, designers, and the rest of the team to deliver well-architected and high-quality solutions.
- Produce fully functional mobile applications writing clean code.
- Gather specific requirements and suggest solutions.
- Troubleshoot and debug to optimize performance.
- Design interfaces to improve user experience.
- Liaise with Product development team to plan new features.
- Ensure new and legacy applications meet quality standards.
- Stay up-to-date with new technology trends.

[01/11/2021 – 01/08/2022]

Application developer

Emerald Soft

City: Karachi

Country: Pakistan

- Successfully completed an iOS development internship, gaining hands-on experience with Xcode, Swift, and SwiftUI.
- Actively contributed to the design, development, and testing of iOS applications under the guidance of senior developers.
- Demonstrated a strong learning mindset, acquiring new skills in iOS app development and applying them to real-world projects during the internship.
- Collaborated effectively with team members, participating in code reviews and providing valuable input to enhance the overall quality of the applications.
- Made a meaningful contribution to the success of the internship program, showcasing dedication, adaptability, and a passion for iOS development.

EDUCATION AND TRAINING

[01/09/2018 – 01/09/2022]

BS Computer Science

IQRA University   https://iqra.edu.pk

City: Karachi

Country: Pakistan

[01/08/2014 – 01/08/2016]

HSSC (Higher Secondary School Certificate)

Govt.Degree College Stadium Road

City: Karachi

Country: Pakistan

[01/05/2012 – 01/08/2014] **SSC (Secondary School Certificate)**

KBV Caa Model School & College   https://caapakistan.com.pk/csr/caaschool.aspx

City: Karaci
Country: Pakistan

[01/01/2017 – 01/02/2018] **German Language B1**

Goethe Institue   https://www.goethe.de/ins/pk/en/index.html

City: Karachi
Country: Pakistan

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING B1 **READING** B2 **WRITING** B1

SPOKEN PRODUCTION A2 **SPOKEN INTERACTION** A2

German

LISTENING A2 **READING** A2 **WRITING** A2

SPOKEN PRODUCTION A1 **SPOKEN INTERACTION** A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

SwiftUi | Programmazione in Swift/SwiftUI | iOS UIKit (basic) | Begginer JavaScript for WebDevelopment | HTML& CSS5+ | IDE (Android Studio, Virtual Studio Code, Xcode) | Python Language - Basic knowledge

PROJECTS

[01/08/2023 – Current] **EQuiz App**

As a team developer for the eQuiz app, I specialize in bug fixing and primarily focus on the Game Module. Within this module, I optimize game functionality across 26 distinct games, which challenge users in areas such as observation, memory, time management, and calculation. Additionally, I collaborate on features to enhance user engagement, particularly in leaderboard ranking.

[01/07/2023 – 30/12/2024] **Hatly**

As a key contributor to the Hatly e-commerce app, I designed and implemented various modules to optimize user experience. This included categorizing stores into Home-Based Businesses, Restaurants, Grocery, and Health & Beauty. I integrated Socket.IO for real-time rider tracking and chat functionality, ensuring seamless communication. Additionally, I developed a parcel module for easy parcel sending and implemented secure payment systems like Apple Pay and Stripe. I also streamlined order management, allowing users to cancel or reorder items effortlessly, enhancing overall functionality and usability.

[24/06/2023] **EZBuilderApp**

In the EzBuilder app project, I led the implementation of image and document management functionalities. This involved enabling users to effortlessly upload and download various document formats, including PDFs, images, and documents (such as DOCX files). Additionally, I facilitated the creation of new documents within the app and organized them into albums for easy access. Furthermore, I integrated sharing capabilities, allowing users to seamlessly share their documents via email, messaging apps, or other communication channels for efficient collaboration.

I have successfully implemented map integration, allowing seamless location-based features. Additionally, I integrated popular payment systems like Stripe, Apple Pay, and PayPal for secure and convenient transactions. Social media SDKs were incorporated, enhancing connectivity and sharing options. I also implemented API integration to seamlessly connect with external services. Core data was utilized for efficient data management within the app. User tracking functionality was implemented to monitor user behavior and engagement. Socket (IO) implementation enabled real-time communication within the app. A chat system was developed, allowing users to interact and communicate with each other. Language localization was supported, ensuring the app catered to a global audience. Push notifications were implemented to deliver timely updates to users. Furthermore, Firebase Notification services were integrated to enhance the efficiency of push notification delivery. Lastly, the app architecture followed the MVVM pattern, promoting clean code organization and maintainability.

TNW Driver

In the project, I utilized Mapbox for map integration, enabling advanced mapping capabilities and features. Core Location was implemented to access and utilize the device's built-in GPS and location services for accurate positioning and location-based functionalities. Push notifications were implemented to deliver important updates and notifications to users in a timely manner. Additionally, I incorporated alert toasts, which are informative pop-up messages that provide brief notifications or alerts to users within the app.

WooCommerce App

I designed the entire app, considering the user interface, user experience, and visual elements to create a cohesive and intuitive design. The MVVM architecture pattern was implemented to separate concerns and improve code maintainability and reusability. Login APIs were integrated to enable user authentication and secure access to app features. Alert toasts were implemented to display informative and brief notifications or alerts to users. Network calls were made using URL session to interact with remote servers and retrieve data or perform actions within the app.

Calculators

I also worked on a web module that involved building a calculator. This calculator module was designed and developed to perform various mathematical calculations on a web platform. It provided a user-friendly interface and accurate calculation results, allowing users to input numbers and perform calculations effortlessly. The calculator module was integrated into the web application, enhancing its functionality and providing an essential tool for users' mathematical needs.

- **Model Op Calculators:**

Build Complex Calculations using JavaScript, embed charts, and results will send to the email.

- **North Sydney Council Carbon Calculator:**

Measure a tree or shrub in your garden or street and the calculation will show you how much carbon it is storing.