MUBASHAR ALVI

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DESCRIPTION

With 6+ years of experience, a passionate and seasoned Android developer with expertise in Java and Kotlin, I seek to join a renowned organization that provides a supportive work environment and stimulating challenges. With over six years of experience, I excel in XML, Jetpack Compose, TDD, JUnit, and CI/CD, consistently applying Agile and Scrum methodologies. I am well-versed in SOLID principles and excel in implementing the best architectural practices, including multi-module and clean architecture. Driven by challenges and committed to exceeding expectations, I aim to be a key contributor to organizational success, recognized for my self-motivation and innovative teamwork, so that I can optimize my code even more. To me an efficient architecture and programming practices are important to make my code robust, maintainable and testable.

EXPERIENCE

Senior Android Developer & Android Architect

Tentwenty Digital Agency in Dubai|

January 2022 – Present

- **Responsible for mentoring juniors and maintaining an atmosphere of learning and growth.**
- **Maintain Agile and manage version control**

1. **Ithra by Saudi Aramco**
   10 June 2023 to 5 March 2024

- Built the published application from scratch using Kotlin.
- Developed efficient code for high performance.
- Collaborated closely with backend developers to add new features and apply innovative techniques to enhance app performance.
- Developed a Digital Travel, Tourist, Ticket Purchasing, and Museum Membership App for Saudi Aramco over 8 months.
- Managed over 400 screens using Server Driven UI, Multi-Module Architecture, and MVI with Clean Architecture principles.
- Integrated Dynamic Links and Dynamic Navigation to enhance user experience and navigation flow.
- Adhered to Google's architecture guidelines to ensure a scalable and maintainable codebase.
- Conducted thorough end-to-end automation testing to ensure high code quality and reliability.
- Practiced Test-Driven Development (TDD) and implemented Continuous Integration/Continuous Deployment (CI/CD) pipelines throughout the project lifecycle.
- **Project link**

TRANSROADS:
- Followed MVI with Clean architecture on top of Single activity multiple feature modules.
- Used the Kotlin language for development.
- Trained 4 Junior Developers in the Ithra App.

2. **Slickcall International Calling App**
   10 Nov 2022 to 13 April 2023

- **Development**:
  o Built the published application from scratch using Kotlin.
  o Developed using Kotlin Language.

SKILLS

- **Android Studio**
- **Android SDK**
- **Jetpack libraries, Compose**
- **Server Driven UI, Epoxy**
- **Kotlin, Java, KMM, RXJava**
- **Flutter (GetX, Dart, Dio, plugin development)**
- **Firebase**
- **Kotlin Coroutines**
- **Dependency Injection (Dagger Hilt, Koin, Dagger 2)**
- **Version Control (Git,Git flow,Git lab)**
- **OOP**
- **SOLID Principles**
- **MVI, MVVM, MVC, MVP, Clean Architecture**
- **Multi-Module Architecture**
- **Data Binding, Two-Way Data Binding**
- **Automation Testing (Espresso, Selenium)**
- **JUnit Testing, TDD, CI/CD**
- **Agile Methodologies**
- **AWS, GraphQL**
- **Google Ads Mobile**
- **Figma, Ktor**
- **Motion Layout for Animation**
- **Machine Learning (ANN, CNN, UNET, TensorFlow)**
- **PortSIP ,Payment Gateway, NFC**

SOFT SKILLS

- Collaboration and Teamwork
- Problem-Solving
- Adaptability and Continuous Learning
- Time Management and Organization

PROFESSIONAL EXPERIENCE

6 + Years

LANGUAGE

English, Urdu, Hindi, Punjabi, Arabic

EDUCATION

FUUAST, Islamabad

Bachelor's in Computer Science

- **Features**:
  - Implemented online payment methods and NFC.
  - Implemented the PortSIP Library for voice and video calls, and messages.
- **Subscription Features**:
  - Subscribed packages for minutes and transferred money for packages.
  - Top Up and designed and implemented NFC functionality for secure data exchange and transactions in Android applications.
  - Integrated mobile wallet features to store and manage digital cards, tickets, and payment methods within the app.
- **Customer Base**:
  - 100K+ customers use Slickcall to make calls to any number worldwide.
- **Project Duration**:
  - Completed in 4 months, from November 10, 2022, to April 13, 2023.
- **Architecture**:
  - Followed MVVM and Clean Architecture principles.

- **Project Link**

TRANSROADS:
- Detail-oriented team player with strong organizational skills. Ability to handle multiple projects simultaneously with a high degree of accuracy.
- PortSIP train the 2 junior Developer

2. Dubai Design Weeks
Project Link

Development:
- Followed MVVM architecture.
- Used Kotlin language.

Features:
- Added new feature related to product.
- E_commerce App.
- Online purchase the products
- Online payment feature

Project Duration:
- Completed the new feature in 2 months.
- Time duration: August 4, 2022, to October 28, 2022.

Innovative Support:
- The app continues to provide unparalleled support with this innovative feature.

3. DIFC UAE Project:
Senior Android Developer
Project Link

Duration:
Completed in 6 months.
Time duration: February 4, 2022, to July 25, 2022.

Technologies:
Kotlin, MVVM Architecture, Retrofit, Room, Dagger Hilt, Coroutines, LiveData, Navigation Component, Jetpack Libraries,GPS, Google maps.

Project Overview
Spearheaded the development of the DIFC Official App, crafted to enhance the experience for both visitors and professionals within the Dubai International Finance

Centre. The app integrates advanced features designed to streamline various aspects of the DIFC experience.

Key Features Implemented

- **Personalized Profiles**:
    - Customized the user experience by enabling profile selection during onboarding.
    - Delivered tailored services and features based on individual user preferences.
- **Pay for Parking**:
    - Simplified the payment of parking tickets directly within the app.
    - Integrated secure payment gateways to ensure efficient and reliable transactions.
- **Vehicle Profiles**:
    - Enabled users to create and manage vehicle profiles, facilitating streamlined service access.
    - Incorporated various car-related in-app services to enhance user convenience.
- **Find My Car**:
    - Developed functionality to locate parked vehicles using GPS integration.
    - Enhanced user experience by providing accurate tracking in busy parking areas.
- **DIFC Eye**:
    - Implemented a feature for reporting maintenance issues within the app.
    - Facilitated prompt issue resolution, contributing to a secure and well-maintained environment.
- **Digital ID**:
    - Introduced digital business card functionality to streamline networking.
    - Simplified the process of sharing and connecting with other professionals.
- **Real-time Wayfinding**:
    - Created an advanced navigation system for seamless exploration of the district.
    - Provided users with accurate, real-time directions throughout DIFC.
- **What's On**:
    - Developed a section to keep users updated with blogs, podcasts, news, and events.
    - Ensured users remain informed about significant activities and updates within DIFC.

Responsibilities:

- Led the development and maintenance of the app using Kotlin and MVVM architecture.
- Utilized Retrofit for robust API integration and efficient data handling.
- Implemented Room for local database management, ensuring offline functionality.
- Integrated Dagger Hilt for effective dependency injection.
- Applied Coroutines and LiveData for asynchronous operations and responsive data binding.
- Incorporated the Navigation Component to enhance in-app navigation.

- Maintained high code quality through rigorous unit testing and comprehensive code reviews.

Achievements:

- Delivered a successful, user-centric app that substantially improved the DIFC experience.
- Ensured the app's stability and performance through meticulous testing and adherence to best practices.
- Received commendations from users for the app's intuitive design and functionality.

4. Fakah Apps(School, POS and Parent) Project for Saudi Client
Senior Android Developer(Kotlin, Jetpack Compose)

I. School App:

- **Project Overview:**
  - Developed an Android app to streamline school administrative and communication processes.
- **Key Features:**
  - **Parcheesi Items and Call:**
    - Tracked and managed school items with direct call functionality.
  - **Attendance Report:**
    - Enabled detailed recording and monitoring of student attendance.
  - **Announcements and Notices:**
    - Created a section for school updates and events.
  - **Homework and Assignments:**
    - Developed modules for assigning, tracking, and submitting homework.

II. Fakah Parent App:

- **Project Overview:**
  - Designed an Android app to enhance parental involvement and communication with schools.
- **Key Features:**
  - **Money Transfer:**
    - Integrated secure money transfer for fees and top-ups.
  - **View Reports:**
    - Enabled viewing of detailed reports on academic performance and attendance.
  - **Notifications and Alerts:**
    - Implemented push notifications for important updates.
  - **Communication with Teachers:**
    - Provided a direct communication channel with teachers.

III. Fakah POS (Point of Sale) App:

- **Project Overview:**
  - Developed a POS Android app to support school canteens, bookstores, and vendors.
- **Key Features:**

- o **Recharge:**
  - ▪ Enabled users to add funds for cashless transactions.
- o **Mobile Wallet:**
  - ▪ Integrated a wallet for digital cards, tickets, and payments.
- o **Transaction History:**
  - ▪ Tracked and displayed transaction history.
- o **Inventory Management:**
  - ▪ Developed tools for managing store and canteen inventory.

Senior Android | Ninesol | March 2020 – December 2021

I worked on Social Media App, Language Translate App. Media Player, Multiple Language Keyboard and more 34 App difference has millions + downloads from Google Play Store. I worked in Kotlin and java language in this organization.

Responsibilities:
- Designed and implemented new features.
- Integrated Web Services and Third-Party APIs.
- Managed bi-weekly application sprints.
- Collaborated with cross-functional teams to design and develop features.

Achievements:
- Developed applications from scratch using Kotlin with MVVM architecture and Clean Architecture principles.
- Implemented Retrofit API calls using Coroutines for asynchronous programming.
- Utilized Room and Work Manager for local data storage and background task management, including handling internet connectivity issues.
- Enhanced chat functionalities.
- Addressed and resolved performance-related issues.
- Implemented Multipart Image Uploading using Retrofit, Room, and Work Manager, leveraging reusable library modules for gallery and Google Photos integration.

Android Developer to Associate Android Developer

Netware Solution Technology August 2018 – February 2020

- Built 20 apps following MVC and MVP Architecture patterns.
- Gained proficiency in Data Binding and Two-way Data Binding.
- Implemented Navigation component for streamlined app navigation.
- Learned and applied layout design principles.
- Utilized GitHub for version control and collaboration.
- Acquired comprehensive knowledge of architectural principles.

Top Project Link
- **Ithra by Saudi Aramco**
- **DIFC Dubai International Financial Centre**
- **Slickcall: Global Call & TopUp**
- **Dubai Design Week App**