Shahab Azimi

Senior Android Developer, Chapter Lead

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I possess seven years of experience as an Android applications developer, with a diverse background encompassing the fields of banking, cryptocurrencies, social networks, and Android libraries. My overarching commitment lies in guaranteeing a superior end-user experience for all products I develop. I am dedicated to employing the most suitable methodologies and staying at the forefront of cutting-edge technologies throughout product development.

EXPERIENCE

blu Bank, Tehran, Iran — Senior Android Developer / *Chapter Lead*

Feb 2022 - PRESENT

blu Bank - Iran's First and Largest Neo-Banking Platform

Notable Project: blu Bank Mobile App

As a key contributor to the Blubank mobile app, I delivered a premier user experience. This project involved the creation of intricate programmatic flows, bespoke animations, customized components, and micro-interactions. These efforts were essential in ensuring the app's success as the flagship product of the leading neo-banking platform in Iran.

- Development and maintenance of a high-performance app that garnered millions of active users
- Implemented modern development practices such as continuous integration and automated testing to optimize app performance and ensure seamless user experience
- Collaborated closely with UX designers to create visually appealing and intuitive interfaces
- Spearheading the development of a Modular Architecture consisting of 38 meticulously designed modules.
- Leveraging the MVVM (Model-View-ViewModel) and Clean Architecture principles to establish a robust application framework.
- Utilizing Protobuf for efficient data transmission between the server and client, ensuring optimal communication and monitoring logs via Hyperion
- Conducting unit testing for repositories, use cases, and view models to uphold code quality and reliability. Implementing Jacoco reports and SonarQube coverage measurement
- Implementing conditional deep links and conditional flows to enhance user interactions and system responsiveness.
- Led a 9-person developer team, controlled the project workflow, and scheduled weekly meetings to ensure a solid and functional team.
- Oversaw the release process while implementing DexGuard and SSL pinning measures to enhance and secure the application experience.

SKILLS

- Android platform development
- Kotlin/Java
- SOLID principles
- Software Architecture (clean architecture)
- Architecture Patterns (MVVM, MVI, MVP)
- Reactive Programing (Kotlin Coroutine)
- Design Patterns
- Dependency Injection (Dagger, Koin)
- Git/Git flow
- RESTful, Protobuf, gRPC
- Cryptography
- DBMS (SQLite, Room, Realm)
- Firebase (Play Services, Messaging, Analytics, Crashlytics)

ACHIEVEMENTS

- Academic IELTS with a score of 7 out of 9
- Completed a 100-hour Android development course at Tehran University
- Member of Iranian ICT Guild Organization (IIG)
- Kotlin for Java Developers by Jetbrains on Coursera

Denxa, Canada (remote) —Android Developer

April 2019 - Feb 2022

Denxa - A blockchain accelerator striving to bring social freedom to everybody

Notable Project: Rodinia Mobile App

As the Lead Android Developer, I successfully led the development of the Rodinia Cryptocurrency app, to provide a comprehensive range of features. These included seamless functionality for buying, selling, and swapping cryptocurrencies, as well as the implementation of multi-wallet capabilities to cater to diverse user needs.

Throughout this project, I maintained a collaborative and close working relationship with our backend development team. This collaboration was essential in ensuring the highest standards of security and accuracy, resulting in a robust and user-centric experience for our customers.

- Worked on blockchain technology and Trust Wallet core
- Create and maintain smart contracts on the blockchain network (Bitcoin, Ethereum, Tron)
- Integrate with blockchain APIs and other backend services (gRPC and Protobuf)
- Implement cryptographic techniques to secure data transmission and storage (advanced AES and diffie-hellman algorithm)
- Stay up-to-date with emerging trends and technologies in blockchain and Android development, and provide recommendations for improvements and enhancements to the development team
- Demonstrated outstanding development skills by overseeing the implementation of numerous features within the app

Tajeran Novin, Tehran, Iran — *Junior Android Developer*

March 2017 - Jan 2019

Tajeran Novin - A Software and Engineering company specializing in services for the tech industry.

Notable Project: Radical, Gharare Maghzha Mobile App

As A Junior Android Developer, I continuously improved my knowledge of Android development and stayed up to date with the latest trends and best practices. accuracy, resulting in a robust and user-centric experience for the customers. I managed to launch the Radical app from the ground up using Kotlin, and wrote unit tests, and performed quality assurance testing to ensure the app functions as expected and is free from critical bugs.

- Write efficient, reusable, and reliable code using Java and Kotlin
- Implement new features and fix bugs identified during the testing process
- Conduct unit tests to ensure the functionality of the application
  Stay up-to-date with emerging trends and technologies in Android development
- Make an online-first app and store data in the database.
- Managing code and collaborating with other developers using Git version control systems like

LANGUAGES

- Persian: Native
- English: Professional working proficiency

EDUCATION

Azad University, Iran — *MSc in Software Engineering*

Sep 2015 - Jan 2018

- Advanced Software Engineering
- Advanced Database Systems
- Advanced Distributed Systems
- Advanced Algorithms
- Cryptography
- Multiprocess Programming

These courses have equipped me with a solid foundation in critical areas of computer science and software engineering, enhancing my skill set for prospective roles in the tech industry.

Azad University, Iran — *BSc in Software Engineering*

Sep 2009 - Jan 2014

- Software Architecture
- Compiler
- Data Structure
- Database Systems
- Advanced Programming
- Algorithms

These courses have provided me with a comprehensive understanding of key concepts and skills in computer science, laying the foundation for my academic and professional growth in the field.