



Mohsen Afshar

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Summary

- Android Developer with over **7 years of experience**, and yet passionate
- Professional experience in developing applications with more than **20M installs** on Android application stores
- **Solving problems** is a kind of habit for me and doing so makes my life more joyful
- As a team member, I'm passionate about suggesting multiple solutions, discussing them with my teammates, and finding the best solution that fits specific problems throughout **Teamwork**
- **Eager to learn and share** my knowledge, both technical and non-technical
- Enthusiastic about **Architectural styles and patterns, design patterns**, and writing clean code

And specifically:

- Solid knowledge of commonly used architectures like **MVVM MVP MVI VIPER**
- Deep understanding of **SOLID, GRASP, HOLYWOOD** principles
- Experienced with **Automated Unit, UI, and End-To-End Tests** and related tools and concepts

Employment History



ANDROID DEVELOPER | MOFID SECURITIES | DEC, 2021 - JAN, 2023

- Improving code readability and maintainability by refactoring the old code base and migrating to new technologies – both Bambo and Mofid-App applications
- Discussing architectural problems and proposing solutions which resulted in an extendable and easy to maintain architecture
- Fixing performance bottlenecks and error-prone codes
- Responsible of publishing applications and solving related issues
- Mentoring android team members - Holding regular technical meetings in addition to pair programming sessions
- Being an active-creative member in brainstorm sessions
- Developed RESTful APIs using microservices, DDD, NodeJS and RabbitMQ
- Documented web services and their communications using PlantUml



ANDROID INSTRUCTOR | MAKTAB SHARIF | JUN, 2021 - PRESENT

- Helping talented mentees to find their career path and grow in android field by teaching technical concepts, motivating students with tangible, relevant examples and providing guidance, motivation, emotional support and resources



ANDROID DEVELOPER | RUBIKA | OCT, 2020 – JUL, 2021

- Coached teammates to write clean, extendable, and testable codes
- Refactored main screens of the Rubika application using coroutines, constraint-layout, Exo-player, and custom views which resulted in cleaner codes
- Improved some custom views performance by rewriting their algorithms



ANDROID DEVELOPER | HASIN GROUP | AUG, 2019 – NOV, 2021

- Designed architecture and developed Taraabarnet application by TDD approach from scratch
- Involved in analysis, design and implementation and testing phases of application development lifecycle
- Gained experience in coaching teammates
- Implemented publish/subscribe pattern between back-end and android client using MQTT and RabbitMQ
- Gained experience in developing microservices using domain driven design, NodeJS and .NET core and specially IdentityServer4



ANDROID DEVELOPER | PARDAZESH NEGAR RASHIN | MAR, 2018– JUN, 2019

- Gained Experience in reactive programming using RxJava and RxAndroid
- I had a great opportunity to learn more about scrum ceremonies
- Participate in developing two location-based applications using MVVM, Rx, Databinding, LiveData, Google services



ANDROID DEVELOPER | CHAPAR | JUL, 2017 – MAR, 2018

- Developed Rakeb application which was responsible of generating invoices from user data inputs, customer signatures, and printing them by connecting to printer devices via Bluetooth

Education

BACHELOR DEGREE IN NUCLEAR PHYSICS

Institution: Semnan University

Year of Graduation: 2015

Certificates

SOFTWARE ARCHITECTURE: PATTERNS FOR DEVELOPERS

LinkedIn

Certificate Id: AYRJR1pYe2OEmwvuQKKvXozgtPuQ

[Certificate Link](#)

EXECUTIVE LEADERSHIP

LinkedIn

Certificate Id: AfgR1vReFl77guR1_1Gi0ExRPM5A

[Certificate Link](#)

CRITICAL THINKING AND PROBLEM SOLVING

LinkedIn

Certificate Id: Afy0am8a3_DJ03cA4V1nSf6GYfwt

[Certificate Link](#)

DEVELOPING YOUR EMOTIONAL INTELLIGENCE

LinkedIn

Certificate Id: AYDwAUcQf4o0XimKrA55NtF70j4J

[Certificate Link](#)

Courses

DIVIDE AND CONQUER, SORTING AND SEARCHING AND RANDOMIZED ALGORITHMS

Coursera

Reviewed at 2021

GRAPH SEARCH, SHORTEST PATHS, AND DATA STRUCTURES

Coursera

Reviewed at 2021

GREEDY ALGORITHMS, MINIMUM SPANNING TREES, AND DYNAMIC PROGRAMMING

Coursera

Reviewed at 2021

ANDROID PERFORMANCE

Udacity

Reviewed at 2022

Skills & Abilities

SOFT SKILLS

- Emotion management Creativity Responsibility Time Management
- Leadership Critical Thinking and problem solving

HARD SKILLS

- Android Kotlin Java JavaScript Node.js C# NET core
- MVVM MVI MVP VIPER RIB
- SOLID GRASP HOLLYWOOD DRY KISS
- RxJava RxAndroid RxKotlin Coroutine Flow
- Dagger Hilt Koin Kodein
- Agile methodologies Jira Trello Git
- GoF Design Patterns SAGA CQRS Anti-Corruption layer
- Circuit Breaker Retry Pub/Sub Pipe & Filters
- Architectural styles Microkernel SOA Component-based
- Event-based DDD
- Algorithms Data structures
- Room SQLite MongoDB MySQL PostgreSQL
- gRPC MQTT Socket.IO
- Docker-Compose Docker CI/CD Network+