# Curriculum Vitae

## PERSONAL DATA

Name:        **Mohammad Ali Sadeghi Marasht** (Mahdi Sadeghi)
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## PROFILE

- Over 10 years (present) experience in Information Technology - Software.
- More than 7 years experience as an Android Developer.
- Nearly 8 years experience in Java core / Spring.
- Familiar with Python, Javascript, React JS, HTML, CSS.
- Strong skills in software development life cycle, Agile/Scrum.
- Android stack, Java backend, Database Management, Bug fix & Maintenance, TDD, Unit testing, Clean Code, OOP and SOLID.
- Familiar with MySQL, Sqlite and Postgresql Databases.
- Solid knowledge of full Android stack. (Dagger2, Retrofit, OkHttp, Volley, Picasso, Glide, AndroidX, DataBinding, RxJava, MVC, MVVM, ButterKnife, LiveDate, LifeCycle, Room, Sqlite, GreenDao, MPAndroidCharts, Google Play Services, Firebase, Security Issues, JUnit, Mockito, Espresso, Cryptography, Android Architecture Components, Kotlin, AndroidX, etc)
- Experience in JDBC and Hibernate ORM, SOAP, REST, JSON and XML.
- Familiar with Docker. Lover of Git, Maven and Gradle.
- Familiar with Atlassian stack (Jira, Confluence, BitBucket, Bamboo).
- Experience in CI/CD. (Gitlab CI, Bamboo).
- Compatible team player through complete project cycles, implementation, testing, and maintenance.
- Understanding of high-volume or critical production service environments.

**EXPERIENCE**

- **2019 – Current: Pactum**

  **Position:**     **Software Engineer**

  **Responsibilities**:

    - Development and maintenance

  **Projects:**

    1. **Pactum**
       This startup helps companies enable growth and bring in initially lost income through stronger agreements, while minimizing waste by conducting thousands of parallel automated negotiations at a time. Negotiations happen by an AI-based chatbot using deep maths and decision makings.
       _Web Technologies_: _Spring boot, Postgresql, React JS, Html, Css, JavaScript, Google Cloud, Git, Gradle, Jest, Junit._

- **2019 – 2019: Monese**

  **Position:**     **Android Developer**

  **Responsibilities:**

    - Development and maintenance

  **Projects:**

    2. **Monese** (**Google Play**)
       A successful startup that offers current accounts and money transfer services as an alternative to traditional banks without credit checks and proof of address. I was an android developer in the core team where our APIs were used by other android teams. I was responsible for bug fixes and refactoring codebase.
       _Android Technologies_: _Dagger2, Google Map, Retrofit, Picasso, MVVM, RxJava, Firebase Push Notification, Junit, Mockito._

- **2015 – 2019: Ansar IT**

  **Position:**     **Android Developer**

  **Responsibilities:**

    - Full software lifecycle. (Planning, Development, Testing, Production)

- Provides technical overviews to test and support teams.
- Collaborate with clients for change requests and issues handling.

**Projects:**

3. **Ansar Mobile Bank** (**Google Play**, **Bazaar**)
   Ansar Mobile Bank client with all electronic payment services including money transfer, bill payment, loans, etc. Ansar Mobile Bank is in the top most downloaded mobile bank apps in Iran, and I as the developer and team lead, have made a huge impact on online transaction and traffic for Ansar bank. Won the best UX/design diploma in an annual competition.
   *Server-Side Technologies*: *Java Spring, REST, Spring Security, Jwt, IoC, Oracle DB, Tomcat AS, Oracle Service Bus, Linux Cent-OS platform, JUnit.*
   *Android Technologies*: *Dagger2, MPAndroidCharts, Google Map, Okhttp, Picasso, MVVM, RxJava, Data Binding, Ormlite, Firebase Push Notification, Security concerns, Encryptions, Obfuscations, Junit, Mockito.*

4. **Ansar Loan Calculator** (**Google Play**, **Bazaar**)
   App to calculate mortgage for Ansar Bank Loans. With this app, we helped Ansar Bank to reduce the number of customers to ask for loan calculations and opportunities, thus increasing the overall information in loan plans.
   *Server-Side Technologies*: *Java Spring, REST, Spring Security, Jwt, IoC, Oracle DB, Tomcat AS, Linux Cent-OS platform, JUnit.*
   *Android Technologies*: *Volley, Picasso, MVC, Ormlite, Junit, Mockito.*

5. **Ansar USSD** (**Google Play**, **Bazaar**)
   USSD based android client to Ansar electronic services. Dialing USSD codes on the phone is boring. We brought a fun UI to increase customers' interaction when offline.
   *Android Technologies*: *MVC, Ormlite, Junit, Mockito.*

6. **Ansar Customer Club**
   Mobile client for Ansar bank Customer Club
   *Server-Side Technologies*: *Java Spring, REST, Spring Security, Jwt, IoC, Oracle DB, Tomcat AS, Linux Cent-OS platform, JUnit.*
   *Android Technologies*: *Dagger2, MPAndroidCharts, Retrofit, Picasso, MVVM, RxJava, Data Binding, Ormlite, Security concerns, Encryptions, Obfuscations, Junit, Mockito.*

7. **Ansar CardPod**
   An android payment app with ability to use Shaparak bank cards instead of Ansar bank cards
   *Server-Side Technologies*: *Java Spring, REST, Spring Security, Jwt, IoC, Oracle DB, Tomcat AS, Oracle Service Bus, Linux Cent-OS platform, JUnit.*
   *Android Technologies*: *Dagger2, Retrofit, Picasso, MVC, RxJava, GreenDao, Security concerns, Encryptions, Obfuscations, Junit, Mockito.*

8. **Ansar Branches**
Ansar Bank Branches app includes two apps for editing branches by province management and viewing and searching branches by end users.
*Server-Side Technologies*: *C#, REST, IIS, MSSQL, Windows Server platform*
*Android Technologies*: *Google Map, Volley, Picasso, MVC, Room, Junit, Mockito.*

- **2015 – 2017: Seeb Smart Solutions**

**Position:**      **Android Developer**

**Responsibilities:**

- Android Development, Testing, Production
- Develop many widely-used applications.
- Respond to change requests and troubleshoot problems.
- Provides code maintenance and enhancement.

**Projects:**

9. **90 Official App** (**Google Play**, **Bazaar**)
The official app of the most popular TV sport program on the national network. My contribution was speeding up the build process, delivering the app for the Euro2016 event within 3 weeks.
*Android Technologies*: *Volley, Picasso, MVC, Ormlite, OneSignal Push.*

10. **Hamloo Delivery** (**Google Play**)
A Deliveroo-like app in Tehran. We achieved a %300 raise in app installs, in a 2 month window, with my role as android developer.
*Android Technologies*: *Retrofit, Picasso, Google Map, MVVM, Ormlite, Junit, OneSignal Push*

11. **Hamloo Delivery Driver** (**Google Play**)
Driver app for Hamloo.
*Android Technologies*: *Retrofit, Picasso, Google Map, MVVM, Ormlite, Junit, OneSignal Push.*

12. **Deallla Instant Offers** (**Google Play**)
Provides a platform for restaurants and cafes to publish instant, time limited offers for nearest customers to reach and enjoy. As Android developer of the team, we were able to reach deadlines and publish app in less than a month.
*Android Technologies*: *Volley, Picasso, Google Map, MVC, Ormlite, OneSignal Push.*

13. **[AleeCard](...) ([Video](...))**
    Aleecard is a loyalty and customer club app for businesses with discounts, presents and many more features.
    *Android Technologies*: *Okhttp, Picasso, MVC.*

14. **[ZonTelecom](...)**
    A mobile data provider which offers an array of innovative products and services, including global mobile data SIM cards and mobile WiFi hotspots.
    *Android Technologies*: *Dagger2, Retrofit, Picasso, MVC, RxJava, Ormlite, Junit, Mockito.*

15. **Ferzee**
    Ferzee is an online market with rapid delivery, with discounts and map search.
    *Android Technologies*: *Dagger2, Retrofit, Picasso, MVVM, Live Data, Data Binding, RxJava, Room, Junit, Mockito.*

- **2014 – 2015: Mapfa**

  **Position:** Android Developer

  **Responsibilities:**

  - Android Development, Testing, Production
  - Provides code maintenance and enhancement.

  **Projects:**

  16. **[Callyar IM and VoIP](...)**
      Instant messaging and VoIP client with group chats, file transfer, Video call, stickers and so on. Messengers and Voice Calls are this generation's communication tools. Therefore, we created one for the Iranians to help them manage their phone bills wisely.
      *Android Technologies*: *Okhttp, Picasso, MVC, Sqlite, RTP, RTCP, RTMP, SIP.*

  17. **[33rd Fajr Live Broadcast](...) ([Myket](...))**
      Live Broadcast of Fajr Film Festival, with conference videos, movie backstage videos, movie summaries and more.
      *Android Technologies*: *Okhttp, Picasso, MVC, RTMP.*

- **2015 – 2019: SELF**

  **Position:** Android Developer

  **Responsibilities:**

- Android Development, Planning, Testing, Production
- Develop many widely-used applications.
- Respond to change requests and troubleshoot problems.
- Provides code maintenance and enhancement.

**Projects:**

18. **Me Plus (Google Play, Bazaar)**
An application to join customers to Retailers and pay money with their phone without any credit card. It is my startup, built from scratch, completely running, and with a beneficial contract with Mehr Eghtesad Bank.
*Server-Side Technologies*: *Java Spring, REST, Spring Security, Jwt, IoC, MySQL DB, Tomcat AS, Linux Ubuntu platform, JUnit.*
*Android Technologies*: *Dagger2, Retrofit, Picasso, MVVM, RxJava, Data Binding, Ormlite, OneSignal Push Notification, Security concerns, Encryptions, Obfuscations, Junit, Mockito.*

19. **Me Plus Merchant (Google Play, Bazaar)**
The special version of Me Plus app for merchants.
*Server-Side Technologies*: *Java Spring, REST, Spring Security, Jwt, IoC, MySQL DB, Tomcat AS, Linux Ubuntu platform, JUnit.*
*Android Technologies*: *Dagger2, Retrofit, Picasso, MVVM, RxJava, Data Binding, Ormlite, OneSignal Push Notification, Security concerns, Encryptions, Obfuscations, Junit, Mockito.*

20. **Clash of Clans Loot Predictor (Bazaar)**
App to predict loots in CoC game. It is tedious to look for loot-full opponents to attack. So I created a web server to analyze players and notify when to attack. Needless to mention how much it preserves gold.
*Server-Side Technologies*: *Java Spring, REST, Spring Security, Jwt, Tomcat AS, Linux Ubuntu platform.*
*Android Technologies*: *Volley, MVC, Ormlite.*

21. **Niligo Smart Bulb (Download)**
Client to control Niligo smart bulbs on local WiFi. Niligo is a hardware startup, focusing on building Smart Bulbs which operate on WiFi. I offered them an application to easily manage light and color.
*Android Technologies*: *Okhttp, Picasso, MVC, Ormlite.*

22. **Post Bazaar**
Official online market of Iran Post office
*Android Technologies*: *Volley, Picasso, MVC, Ormlite.*

23. **OCCC (Download)**
Open Community of Cloud Computing official App
*Android Technologies*: *Volley, Picasso, MVC, Ormlite.*

24. [AWA Services](#)
     NoAwa Taxi Service, an online taxi service
     *Android Technologies*: *Volley, Picasso, MVC, Ormlite.*

25. [Post Bank BI Report](#)
     An application to report BI server resources and usages to Iran Post Bank managers with charts and logs.
     *Android Technologies*: *Retrofit, AndroidX, RxJava, Dagger,  Picasso, MVVM, Databinding, LiveData, Ormlite, Kotlin.*

- **2013 – 2014: Open Source ICT**

     **Position:**     **Android Developer**

- **2012 – 2012: Aryacell**

     **Position:**     **Junior Java Developer**

- **2012 – 2012: Asarun**

     **Position:**     **Junior C++ Developer**

## HISTORY

At the age of twelve he wrote his first lines of code in QBasic on a Pentium 1. A year later he started VB and as a high school student he began C++ development in a Robocup team. Later he graduated with a BS degree in Software Engineering. He taught himself a variety of skills including programming (Bash, C++ & Java) and is an Android Developer for over 7 years.

## MOTIVATION

Insightful, result-driven software developer with more than 6 years experience in Android stack. I am always passionate about software development, highly motivated and industrious. I can't put my enthusiasm for programming into words; when I'm given a new programming project, it occupies my whole mind up to the point, so I can't feel the passage of time. My focus in software development is on MVVM architecture, Android framework and development area.

## LANGUAGES

Farsi (mother tongue), English (full professional proficiency) and Italian (beginner).

**INTERESTS**

photography, art, music, Chess, history, startups, travel, UX-design, cooking, movies

**EDUCATION**

BSc in Software Engineering
Main project on the RMI implementation of e-banking in Java.