

# HAMID REZA M.

## Senior Full-Stack Engineer and Software Architect

### SUMMARY

Seasoned software engineer with 8 years of rich experience in mobile and full-stack development, particularly in Flutter, Kotlin, Node.js, and Java. Proven track record in leading development teams and designing robust software architectures, evidenced by successfully delivering a critically acclaimed MVP for a hair color mixing app and dramatically improving an international social media app's performance by 80%. Proficient in Clean Architecture, DDD, CI/CD using GitHub Actions, and efficient RX programming. Strong background in software engineering with a Bachelor's in IT Administration and an Associate Degree in Software Engineering, coupled with hands-on experience in MVC, MVVM, SOLID principles, and various design patterns. Skilled in enhancing software scalability and performance, contributing to substantial revenue growth and client satisfaction through innovative solutions.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Facebook Auth (4 yr.), Kotlin (5 yr.), Node.js (4 yr.), Java (7 yr.), Dart
<b>Programming Languages</b>	Dart, Java (7 yr.), Kotlin (5 yr.)
<b>Android Libraries and Tools</b>	Android APIs, Kotlin (5 yr.)
<b>Java Libraries and Tools</b>	Dagger2, RxJava2
<b>Mobile Frameworks and Libraries</b>	Dagger2
<b>JavaScript Frameworks</b>	Express, NestJS, Node.js (4 yr.)
<b>PHP Frameworks</b>	Laravel
<b>UI Frameworks, Libraries, and Browsers</b>	Socket.io
<b>Databases &amp; Management Systems / ORM</b>	MySQL
<b>SDK / API and Integrations</b>	Android APIs, Facebook Auth (4 yr.), GraphQL, Jira API, RESTful API, Stripe

<b>Third Party Tools / IDEs / SDK / Services</b>	ClickUp
<b>Virtualization, Containers and Orchestration</b>	Docker Compose
<b>Methodologies, Paradigms and Patterns</b>	FDD, Observer
<b>Web/App Servers, Middleware</b>	PWA
<b>QA, Test Automation, Security</b>	Unit Testing
<b>Other Technical Skills</b>	DartZ, Freeze Doom Loop, GetX, Sentry.io

## WORK EXPERIENCE

### Senior Full-Stack Engineer, Color Mixer Application

**Duration:** Jul 2022 - Oct 2023

**Summary:** Developed a color mixer application for hair stylists to mix and dispense hair colors, connecting to a BLE device via Bluetooth on an iPad.

**Responsibilities:** Built project architecture based on DDD and Clean Architecture, enforced CI/CD with GitHub actions, implemented RX programming, supervised and coached development team, delivered MVP, improved app performance with offline cache layer based on Firebase.

**Technologies:** Flutter, Firebase, REST, DartZ, Freezed, Bloc, Node.JS, Express.JS, Docker

### Lead Flutter Developer, International Social Media Application

**Duration:** Sep 2021 - Sep 2022

**Summary:** Developed an international social media application with payment integration, database refactoring and robust API creation for Android and iOS platforms.

**Responsibilities:** Developed main application features, coordinated team efforts, carried out thorough code reviews, interacted with Product Owners and CTO, presented software to investors, and worked with backend and QA teams.

**Technologies:** Flutter, GraphQL, AWS, Socket.IO, Freezed, DartZ, GetX

### Full-Stack Software Engineer and Tech-Lead, Garden of Love

**Duration:** Mar 2019 - Aug 2021

**Summary:** Led the delivery of two mobile applications, produced a successful mobile payment application, and collaborated with third-party API developers.

**Responsibilities:** Led android application projects, mentored developers, optimized infrastructure with third-party integrations.

**Technologies:** Kotlin, Flutter, Java



## **Full-Stack Mobile Developer, Various Mobile Applications**

**Duration:** Mar 2018 - Mar 2019

**Summary:** Developed a video streaming app and a geolocation-based app, improved app performance and built an Android SDK for broadcast video streams.

**Responsibilities:** Optimized app load times and installation file size, collaborated with cross-functional teams, built Android SDK.

**Technologies:** Android Jetpack Compose, Kotlin, Flutter, bloc state management

## **Android Application Developer, Sector-Specific Mobile Apps**

**Duration:** Jul 2015 - Mar 2018

**Summary:** Programmed and developed mobile apps in multiple sectors, implemented clean architecture, and improved application security and performance.

**Responsibilities:** Implemented Clean Architecture, maximized image loading speed, refactored app security measures, delivered application ahead of schedule.

**Technologies:** Dagger2, RxJava

## **Android Application Developer, Nurse and Patient Management Software**

**Duration:** May 2014 - Jan 2015

**Summary:** Developed a nurse and patient management software and improved it by expanding modules, optimizing user interface and database structure.

**Responsibilities:** Expanded project modules, improved User Interface based on feedback, optimized database structure, integrated software with hospital devices via socket programming.

**Technologies:** Android, Socket Programming

## **EDUCATION**

- **Bachelor of Information Technology Administration**  
2018 - 2021
- **Associate Degree in Software Engineering**  
2014 - 2016

