Iman Sadrian  
Android Developer

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# Summary

I am an experienced **Android** developer with **over 6 years** of expertise, Skilled in Android SDK frameworks, including the latest tools like **Jetpack Compose**. Proficient in **Kotlin**, **Java**, and Python. **Self-starter**, highly **motivated**, **team-player**. Skilled in **agile** methodologies. Experienced in software engineering concepts and familiar with Gradle, **GIT**, and GitLab CI/CD. Fully comfortable working in **English**, both in writing and spoken. When I am not coding, I enjoy **biking** and **traveling**!

# Experience

## Jan 2022 - PRESENT

### Rave Business Systems, Pennsylvania -US (Remote) *- Senior Android developer* Rave Business Systems is an integrated consulting team of designers, developers, and engineers. As a senior Android developer on a team of 10, I have played a key role in providing consultation and mentoring with developers, using pair programming techniques and participating in technical discussions to meet the acceptance criteria.

* Developed a comprehensive and efficient **analytics event** handling structure for the [E-trade project](https://play.google.com/store/apps/details?id=com.etrade.mobilepro.activity&hl=en&gl=US)
* Transformed complex **bottom sheet** design into composable implementation, enabling **reuse** for both **modal** and **scaffold** and improving efficiency, for the [Alley Financial project](https://play.google.com/store/apps/details?id=com.ally.MobileBanking&hl=en&gl=US).
* To improve project architecture and increase maintainability, upgraded [Fox Theater project](https://play.google.com/store/apps/details?id=org.foxtheatre.foxtheatre&hl=en_US&gl=US) from MVP to **MVVM**, incorporating **Jetpack navigation** and **single Activity pattern**.
* Implemented various **interceptors** to provide mock and cached responses based on feature flags in the QA environment for the [Kroger project](https://play.google.com/store/apps/details?id=com.kroger.mobile&hl=en&gl=US)
* Managed multiple **deep links** and **back-stack** scenarios for the [Chick-fil-A delivery project.](https://play.google.com/store/apps/details?id=com.chickfila.cfaflagship&hl=en&gl=US)

## Jan 2020 - Dec 2022 ( 2 years)

### Zabanshenas, Tehran, Iran *- Senior Android Developer*

[ZabanShenas](https://play.google.com/store/apps/details?id=com.zabanshenas&hl=en&gl=US), similar to Duolingo, is an English learning app with over 1 million users in Iran.

* Achieved a crash-free rate of **99.8%** by **log** management systems and **crash** reporting tools.
* Implemented a performance **reporting** and **logging** template in the application, resulting in an **80%** reduction in preparation time for **addressing issues**.
* Implemented an **orchestrator** to coordinate the interaction between the **service** media player and the content, ensuring proper sequencing of **background** and **foreground** **events** for a seamless user experience.
* Conducted comprehensive **unit** and **integration testing**, ensuring the stability of the architecture and application with a minimum of **75%** code coverage.
* Led the project toward **composing** implementation for the new screen designs

## Jan 2016 - Dec 2019 (3 years)

### BadrRayan, Tehran, Iran *- Android Developer* BadrRayan is a software development firm that specializes in developing applications and platforms for local companies in Iran.

* Optimized database queries by implementing **join** tables, **reducing time complexity** from **O(n^2)** to **O(n log n)** in the app's fetching process, resulting in **improved performance** and increased **efficiency**.
* Collaborated with **cross-functional teams** including designers, engineers, and product managers to deliver high-quality products ahead of schedule by 2 weeks
* Designed **account manager** classes to centralize user information and enhance overall system performance.
* Developed and maintained **automated testing** frameworks, reducing the time spent on manual testing and increasing overall product quality.

# Technical Skills

* Proficient with **Java** and **Kotlin** and **Jetpack Compose**.
* Knowledge of the **reactive**/**functional** paradigm(**RxJava** and Kotlin **Coroutines**)
* **MVP** and **MVVM**  **architecture**, **SOLID** principles, **clean architecture**
* **multithreading** and **thread safety**, **dependency injection**, and **data structures**.
* **object-oriented programming**
* **Unit Testing**, **Integration Testing**, **UI Testing,** and **A/B testing** using **JUnit**, Espresso, and other relevant tools.
* **Gradle** for building, testing, and publishing Android applications.
* Experience working with **RESTful APIs**.
* Experience with 3rd party libraries like **Dagger**, **Retrofit**, **ExoPlayer**
* Strong debugging skills, using tools like **Android Studio**, **DDMS**, and **ADB**.
* **GIT** and **GitLab CI/CD**.

# Education

### S.C.U, Ahvaz, Iran *- Electrical Engineering (B.E.E)* Sep 2013 - Nov 2017

### [Harvard University, CS-50 Course:](https://certificates.cs50.io/bfebc7ca-3346-4f57-8908-522725a3ef01.pdf?) June 2021 - December 2021 Introduction to the intellectual enterprises of computer science and the art of programming.

### [Udacity, Android Developer Nanodegree course:](https://confirm.udacity.com/LG9A44R5) April 2020 - August 2020 Master Android app development with Kotlin and practical Projects designed by Google

# Languages

* Persian
* English