

# SHAKIB HABIBI

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## SENIOR ANDROID DEVELOPER

Accomplished Senior Android Developer with 7+ years of expertise in building high-performance mobile applications. Proficient in Kotlin, Java, and Android SDK, with strong skills in integrating RESTful APIs, streamlining workflows, and automating development processes. Spearheaded the development of a marketplace app that surpassed 1M+ downloads, driving business growth and enhancing user engagement. Skilled in spotting inefficiencies and collaborating in cross-functional teams to deliver smooth and user-centric mobile experiences.

### CORE COMPETENCIES

- Android App Development
- Dependency Injection
- Clean Code
- Cross-functional Team Collaboration
- Debugging and Issue Resolution
- Disciplined Approach to Work
- Effective Communication
- Precision & Accuracy
- Ownership Mentality

## PROFESSIONAL EXPERIENCE

**Freelance** • Global, Remote

May 2024 - Present

### Organizational Form Management Platform • Moshtagh Studio Flutter Developer

A responsive Flutter web solution for defining questions, organizing them into reusable hierarchical segments, and composing those into templates, enabling rapid, multi-tenant form generation with conditional logic. Includes role-based access, localization, and adaptive layouts.

- Implemented Clean Architecture with MVI and repository patterns, supported by Robot-pattern unit tests and ChromeDriver-based UI tests.
- Crafted a JSON-driven segment/template engine using CustomMultiChildLayout and GestureDetector for drag-and-drop and dynamic visibility.
- Integrated GoRouter with nested routes, Freezed, Dio (with JWT/tenant interceptors), FlutterQuill, Lottie, and Shimmer for advanced routing, networking, editing, and animations.

**LuminaTech** • Portugal, Remote

Sep 2019 - Mar 2024

### Senior Android Developer • Team Lead

LuminaTech launched Tisitano and Touraphone, two startup projects under the company's founder. Led Android development, architecting scalable solutions, and driving technical innovation.

#### Tisitano

Led Android development for Tisitano, an e-commerce platform, in a small team, scaling the app from its early stages to over 1M+ downloads.

- Cut deployment time by 90% by implementing a GitLab CI/CD pipeline, automating versioning and builds, and ensuring seamless releases with fewer errors.
- Eliminated team dependency issues by devising a custom annotation processor for analytics tracking, improving cross-team collaboration.
- Accelerated debugging efficiency with an in-app floating view displaying real-time API history and user session data.
- Refactored key components to improve maintainability, reduce technical debt, and enhance scalability without disrupting active development.
- Designed a structured training program for junior developers, streamlining onboarding and accelerating skill acquisition.
- Enforced high coding standards through regular code reviews, providing detailed feedback to improve code quality, enhance readability, and prevent potential issues.
- Voluntarily automated a time-consuming marketing task by building an Android app using accessibility services to send WhatsApp messages, saving the team 2+ hours daily.

#### Touraphone

Touraphone is a specialized Android device with a custom ROM tailored to specific business use cases. Built and customized the AOSP (Android Open Source Project) for seamless business-specific functionality.

- Built and customized AOSP ROMs for the Touraphone device using tools like Odin & TWRP, ensuring compatibility with Google Apps for a fully functional experience.
- Pioneered an innovative solution for hidden Android APIs when no existing workaround was available, enabling persistent background services despite system limitations.
- Implemented system services for tethering and hotspot management, allowing connectivity control at the OS level.
- Optimized the onboarding experience by replacing the default Google setup with a custom Kotlin-based setup wizard, improving user experience.
- Streamlined internal development by establishing a CI/CD pipeline for private libraries using GitLab, improving workflow efficiency.

**ParsRoyal** • Iran, Remote

Aug 2017 - Sep 2020

### Senior Android Developer

Solution Tablet, owned by Pars Royal, was an enterprise app to streamline B2B distribution operations across multiple roles, including sales, distribution, and merchandising.

- Enabled offline functionality, ensuring uninterrupted usability in low-connectivity environments.
- Revamped the UI/UX design, ensuring a modern, intuitive interface that enhanced usability and user satisfaction.
- Developed analytics dashboards and reports using MPAndroidChart, providing key business insights.

**Pargoon** • Iran, Hybrid

Jun 2017 - Jun 2018

### Senior Android Developer

Pargoon Messenger was a feature-rich communication platform for seamless real-time messaging and file sharing.

- Implemented real-time chat functionality using FCM and OneSignal, ensuring smooth and reliable communication.
- Developed secure file sharing, integrating Okio and Retrofit for efficient upload/download operations.

**Pixelandcode** • Iran & Australia, Hybrid

Sep 2016 - Sep 2017

### Android Developer

Tipi was a travel app aimed at enhancing hostel experiences through digital check-ins and traveler networking.

- Automated mobile check-ins using Microblink OCR, reducing processing time and manual data entry.
- Refactored a large codebase from Dagger 1 to Dagger 2, modernizing dependency injection to improve maintainability, performance, and testability.

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## EDUCATION

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**Bachelor of Computer Engineering** • Baha'i Institute for Higher Education (BIHE) • 2017 - 2022

- Teaching Assistant for multiple courses, including Java 1, Java 2, and Android.
- Created educational materials for the Android course, improving the learning experience for students.

**Associate of Computer Engineering** • Baha'i Institute for Higher Education (BIHE) • 2015 - 2017

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## TECHNICAL SKILLS

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**Programming Languages:** Kotlin, Java, Dart (Flutter)

**Architectural Patterns:** MVP, MVVM, MVI, Clean Architecture

**Android, Libraries, and Frameworks:** Android SDK, Jetpack Components, Hilt, Room, Retrofit, Coroutines, Flow, Jetpack Compose, XML, Dagger, RxJava, ViewModel, LiveData, Firebase Messaging, Crashlytics, Firebase Analytics, Event bus, Glide, Picasso, Okio, SQLite

**Build and Deployment:** CI/CD pipelines (GitLab CI), Google Play Store Deployment

**Version Control:** Git, GitHub, GitLab, Bitbucket

**Tools and Platforms:** Android Studio, IntelliJ IDEA, Jira, Agile methodologies, Figma, IntelliJ Space, Postman

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## LANGUAGES

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**Persian:** Native or bilingual proficiency

**English:** Professional working proficiency

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## ADDITIONAL INFORMATION

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**Volunteer Experience:** Designed and conducted Java and Android workshops for individuals 15+ years old, introducing programming fundamentals to help them make informed career and education choices.

**Hobbies & Interests:** Football, Long-Distance Running (5K & 10K), Endurance Cycling, CrossFit, Watching Movies, Reading, Boxing, Teaching