Mohi Fayden

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Professional Summary

Experienced Android Engineer with 10+ years of expertise in Kotlin and Java, specializing in building scalable, high-performance mobile apps. Proven leadership as an Android team lead for 4 years, with a strong track record in modernizing codebases, accelerating delivery, and mentoring developers. Skilled in using AI tools to enhance implementation, debugging, testing, and productivity. Passionate about clean architecture, UI/UX, and sharing knowledge through technical content and tutorials.

EXPERIENCE

Instacart | Senior Android Engineer

11/2024 – Present, Vancouver, Canada

- Contributing to the development of Payment and Commerce features, enhancing user experiences within the Instacart app.
- Collaborating with cross-functional teams to design, implement, and ship high-quality features.
- Utilizing Kotlin and Jetpack Compose to build scalable and maintainable solutions aligned with modern Android development practices.
- Leveraging Cursor IDE and AI tools to boost development efficiency, reduce debugging time, and accelerate feature delivery.

RxPx (formerly Curatio Network Inc) | Senior Software Engineer & Android Lead

01/2021 – 11/2024, Vancouver, Canada

- Led the Android team.
- Refactored the majority of the codebase to modern design patterns for enhanced performance.
- Led the adoption of Jetpack Compose, cutting development time and improving UI flexibility.
- Accelerated product delivery by 30%, leading agile cross-functional teams for increased efficiency.

Curatio Network Inc | Senior Android Developer

12/2016 – 01/2021, Vancouver, Canada

- Developed and implemented key features to enhance user engagement and platform functionality.
- Increased unit test coverage to over 70% of business logic.
- Enhanced team efficiency and mentoring, streamlining development processes.
- Aligned development goals with business objectives, contributing to strategic planning.

Freelance | Android Developer

11/2014 – 11/2016

- Launched diverse, high-performance Android apps meeting business needs.
- Specialized in real-time navigation and multimedia streaming.
- Optimized app architecture for scalability and maintainability.

Mohi Fayden | **YouTube Software Engineering Educator**

10/2024 – Present

- Creating and publishing tutorials on **Software Engineering concepts**, including **system design, coding practices, and career development**, to support the tech community.

Freelance | **Programming and Android Development Tutor**

07/2012 – 12/2019

- Taught **Java programming** and **Android development** to individuals, focusing on practical applications and providing personalized guidance to help them achieve their goals.

SKILLS

Languages & Tools: Kotlin, Java, Android SDK, AndroidX, Android Studio, Cursor IDE, AI tools

Frameworks: GraphQL, Kotlin Multiplatform, Coroutine, Kotlin Flow, Jetpack Compose, Room DB

Practices: Agile, Design Patterns (MVVM), Android Architecture Components, Dependency Injection

Testing: UI Automation Testing (Appiume), Unit Testing, JUnit, Mockito, Espresso, Screenshot Testing

Others: Data Structures, Algorithms, UI/UX, Concurrency, SQLite, OkHttp, Retrofit, XML, Dagger, Hilt

Familiar with: iOS, Swift, Backend, React Native, JS, TS, HTML, CSS

EDUCATION

Bachelor of Engineering (B.E.), Computer Software Engineering

Azad University (IAU)

01/2008 – 07/2012