

MICHAEL CHEN

Senior Android Developer

📞 (555) 867-5309 | ✉️ michael.chen@email.com

🌐 michaelchen.dev | 💻 github.com/michaelchen-dev | 🔗 linkedin.com/in/michaelchen-dev

PROFESSIONAL SUMMARY

Dedicated Android Developer with 5+ years of experience creating robust, user-focused mobile applications. Proficient in Kotlin and Java with expertise in modern Android development practices including Jetpack Compose, MVVM architecture, and Material Design principles. Passionate about creating intuitive user experiences and optimizing app performance.

TECHNICAL SKILLS

Languages & Frameworks:

- Kotlin (Primary), Java
- Jetpack Compose, Android SDK
- XML, JSON, SQL

Architecture & Design Patterns:

- MVVM, Clean Architecture
- Repository Pattern
- Dependency Injection

Libraries & Tools:

- Retrofit, OkHttp, Dagger/Hilt
- Room, LiveData, Flow
- Coroutines, RxJava
- Glide, Picasso
- Firebase Suite

Testing & Quality:

- JUnit, Espresso, Mockito
- Firebase Test Lab
- Crashlytics, Google Analytics

Development Tools:

- Android Studio
 - Git, GitHub
 - Gradle, ProGuard
 - Jenkins, CircleCI
 - Jira, Confluence
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PROFESSIONAL EXPERIENCE

Senior Android Developer

***TechMobile Solutions* | June 2021 - Present**

- Lead developer for a delivery service app with 500,000+ downloads, maintaining 4.6/5 star rating
- Migrated legacy Java codebase to Kotlin and implemented MVVM architecture, improving stability by 35%
- Implemented Jetpack Compose UI, reducing UI development time by 40% and boosting performance
- Optimized app startup time by 60% through code refactoring and lazy loading techniques
- Reduced app size by 30% using app bundles and dynamic feature modules
- Mentored junior developers and conducted code reviews to ensure code quality and best practices
- Collaborated with design team to implement Material Design 3 components and custom animations

Android Developer

***AppWorks Inc.* | March 2019 - May 2021**

- Developed and maintained 3 production apps with combined user base of 1M+ users
- Implemented offline-first architecture using Room database and synchronization mechanisms
- Created custom views and animations to enhance user experience and visual appeal
- Integrated multiple payment gateways and ensured PCI compliance
- Reduced crash rate by 75% through comprehensive testing and bug fixing
- Implemented CI/CD pipeline with Jenkins, improving deployment efficiency

- Collaborated with cross-functional teams to deliver features on schedule

Junior Android Developer

MobileTech Startups | January 2018 - February 2019

- Assisted in developing features for fitness tracking application
 - Implemented RESTful API integration using Retrofit and OkHttp
 - Created UI components using XML layouts and basic animations
 - Participated in Agile development process with two-week sprints
 - Fixed bugs and performed QA testing on multiple devices
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KEY PROJECTS

DeliverEase (TechMobile Solutions)

Kotlin, Jetpack Compose, MVVM, Coroutines, Maps API, Firebase

Full-featured delivery service application allowing users to order items from local businesses. Implemented real-time tracking, payment processing, and push notifications.

HealthTracker Pro (AppWorks Inc.)

Kotlin, Java, MVVM, Room, Bluetooth LE, Charts

Health monitoring application that syncs with wearable devices to track activity, sleep, and vital signs. Implemented complex data visualizations and Bluetooth connectivity.

SocialConnect (AppWorks Inc.)

Java, Firebase, ExoPlayer, Custom Views

Social media platform with video sharing capabilities. Implemented media playback, camera integration, and real-time messaging features.

Weather Now (Personal Project)

Kotlin, Jetpack Compose, Clean Architecture, Coroutines

Weather forecasting app using modern Android development practices. Features include location-based forecasts, widgets, and severe weather alerts. Available on Google Play Store with 50,000+ downloads.

EDUCATION

Master of Science in Computer Science

***University of Washington* | 2016 - 2018**

- Specialization in Mobile Computing
- GPA: 3.8/4.0

Bachelor of Science in Software Engineering

***California State University* | 2012 - 2016**

- Minor in User Experience Design
 - Dean's List: 7 semesters
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CERTIFICATIONS

- **Google Certified Android Developer** (2022)
 - **Kotlin for Android Developers** - JetBrains (2021)
 - **Clean Code & Architecture** - Udemy (2020)
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ADDITIONAL INFORMATION

Languages: English (Native), Mandarin Chinese (Professional)

Open Source: Active contributor to 3 Android open source libraries

Community: Speaker at Android Dev Summit 2022, Regular attendee at local Android developer meetups