

PHYO THINZARAUNG

SENIOR ANDROID ENGINEER

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Result-driven Android Software engineer with 8 years of experience delivering high-quality, user-centric mobile applications. Proven track record in optimizing app performance, implementing automated testing strategies, and solving critical technical challenges under tight deadlines. Skilled in cross-functional collaboration, innovative problem-solving, and driving projects to successful completion. Committed to producing secure, scalable solutions and boosting team productivity.

Core Competencies

Backend API Development • Object-Oriented Programming (OOP) • Automated Testing • Design Pattern
RESTful API integration • Material Design UI/UX • Performance Optimization • Test Driven Development (TDD)
• Domain Driven Design • Jetpack Compose • Code Reviews • Data Structure and Algorithms • Continuous
Integration UI and Integration Testing • Dependency Injection • Testing

Mobile Technologies: Kotlin, Java, Swift (iOS), Dart (Flutter), Kotlin Multi-Platform Mobile

Frontend Technologies: Jetpack Compose, Swift UI, HTML5, CSS3, JavaScript, TypeScript, Angular.js, React.js

Backend Technologies: Node.js, Express.js, Spring Boot

Cloud Technologies: Amazon Web Services (AWS) – EC2, S3, Lambda, RDS, CloudFormation, IAM,
DynamoDB, Cloud Front, SNS, SQS, and so on

Third-Party Libraries: Retrofit, Dependency Injection (Dagger, Hilt, Koin), Google Maps, Firebase, Jetpack
Libraries (Room, View Model, Navigation, Pagination, Work Manager, Data Binding...)

Concurrency and Reactive Programming (Threading): Kotlin Coroutines, Kotlin Flow, RxJava

Software Test: JUnit, Mockito, Espresso, Robolectric, UI Automator, Hilt Testing, Jetpack Compose UI Testing

Databases: MySQL, SQLite, Room, Realm, MongoDB

Database Entity Framework: Hibernate, Spring JPA

Web Services: Rest APIs, JSON

Software Development Life Cycle: Agile Methodologies / Scrum

Tools (CI/CD, Development Tools, Build Tools): Jenkins, GitHub Action, Git Version Control, Android Studio,
Gradle, XCode, VS Code, Eclipse, IntelliJ IDEA, Maven, Android SDK

Experience

Resolve Tech Solutions (Client - 7Eleven) | Android Developer

06/2024-08/2024

- **Enhanced Order Tracker:** Spearheaded Order Tracker updates with 15-second API refresh cycles, boosting real-time accuracy and user engagement in the [7 Now](#) e-commerce app.
- **Optimized Third-Party Libraries:** maintained critical libraries (GoldPass, SEUser), ensuring seamless app performance and stability.
- **Agile Collaboration:** Actively engaged in sprint planning, code reviews, and daily stand-ups, contributing to a 20% increase in development efficiency.
- **Quality Control:** Contributed to improving app stability by ensuring testability and collaboration on unit test strategies using frameworks like Espresso, Robolectric, and Mockito.

Technologies: Clean Architecture, Kotlin, Jetpack Compose, Kotlin Coroutines, State Flow, Jetpack Components, Dagger-Hilt Dependency Injection, Unit Testing using JUnit, Proguard

KBZ Bank Ltd. | Mobile Android Software Engineer**03/2022-01/2023**

- **Project Leadership in Android Development:** Led the Android development team for KBZ's digital onboarding and payment solutions, overseeing the project lifecycle from concept to deployment and ensuring seamless coordination with backend engineers, QA, and product management teams.
- **Pioneered Digital Onboarding App:** Led the development of KBZ's FinTech onboarding app, increasing customer registration rate by 60% in 6 months.
- **Performance Optimization:** Enhanced integration with Oracle Banking Server, reducing response time by 30% and significantly improving user performance and app responsiveness.
- **Platform Rollouts:** Directed app updates and managed the rollout of [KBZPay](#) and [KBZPay Partner](#) across Google Play Store, Huawei, and Mi Stores, reducing user-reported issues by 25% through comprehensive testing and proactive issue resolution.
- **Quality Assurance:** Collaborated with QA teams to enhance testing strategies and improve test coverage, utilizing knowledge of Espresso, Robolectric, and Mockito to support debugging and issue resolution.

Technologies: Android Navigation Architecture, RxJava for Multithreading, Jetpack Components, DexProtector for Security, Koin-Dependency Injection, IDMission for biometric verification

KOE KOE TECH IT SOCIAL ENTERPRISE | Senior Mobile Developer**11/2016-02/2022**

- **Mentorship & Leadership:** Guided mobile teams in 6+ apps, driving engagement and adoption across healthcare, education, and government sectors.
- **User-Centric Design:** Collaborated with UI/UX and QA teams, resulting in a 50% increase in user satisfaction metrics and a significant drop in app bounce rate.
- **Robust Testing:** Spearheaded testing (unit, integration, UAT), delivering high-quality apps with 95% fewer reported bugs post-launch.

Technologies: Swift, Dart, Restful API Integration, MVC, MVP, Realm, SQLite, Firebase Cloud Messaging, Firebase Realtime Database, Firebase Crashlytics, Google Cloud Platform, System Design, REST APIs Integration

DIAMOND BUTTERFLY TRADING COMPANY | Android Developer**01/2016 - 10/2016**

- **CommoTrade Trading App:** Created a flagship CommoTrade Android app with Java MVC architecture and reduced latency by 25% through WebSocket integration

Technologies: Java, Android, WebSocket for Live Data Access, Model View Controller Architecture, SQLite

BAGAN INNOVATION TECHNOLOGY | Jr. Android Developer**01/2015 - 06/2015**

- **Feature Development:** Boosted engagement by implementing user-requested features for NEWS, FM Radio and Agriculture apps.

Technologies: Java, Android, Eclipse ADT, Model View Controller Architecture, SQLite Database

Education

Maharishi International University, Fairfield, IA**02/2023 – 10/2025**

Master of Science in Computer Science (*completion; expected graduation 06/2025*)

University of Computer Studies, Yangon, Myanmar**12/2011 – 11/2012**

Bachelor of Science in Computer Science (Honors)

University of Computer Studies, Yangon, Myanmar**12/2008 – 11/2011**

Bachelor of Science in Computer Science

Certification

[Google Play Store Listing Certificate](#)

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