PHYO THINZAR AUNG

ANDROID DEVELOPER

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Experienced Android developer with 8 years of expertise in designing, developing, testing, and delivering high-quality mobile applications. Completed 10+ app projects, solving critical software challenges under tight deadlines. Notable for optimizing app performance and enhancing team productivity through clear communication.

Core Competencies

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

Mobile App Technologies: Kotlin, Java, Swift (iOS), Dart (Flutter)

Frontend Technologies: HTML5, CSS3, JavaScript, TypeScript, Angular.js

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

Cloud Technologies: Amazon Web Services (AWS) – EC2, S3, Lambda, RDS, CloudFormation, IAM

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, Expresso

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**

- Developed the **7 Now** e-commerce platform Android app using **Kotlin**, **Jetpack Compose**, and **Coroutines** for asynchronous programming, with a primary focus on enhancing the **Order Tracker** feature within an MVVM Clean architecture.
- Optimized the Order Tracker feature by implementing the API calls every 15 seconds to ensure real-time updates on order status, improving user experience and engagement.
- Facilitated collaboration with cross-functional teams, achieving a 40% increase in requirements accuracy and alignment with project objectives, which lead to a more efficient project execution.
- Maintained and updated third-party Android Libraries GoldPass and SEUser, integrated into the 7Now app, ensuring seamless functionality and performance of the application
- Collaborated in an agile development environment, participating in code reviews, sprint planning, and daily stand-ups to enhance code quality and foster team productivity.
- Implemented unit and UI testing to ensure robust application performance and reliability, contributing to a significant reduction in production bugs

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

- Led the development of 1 major FinTech Android App **Digital Onboarding** using Kotlin, Room Database, and RxJava for Threading in a Model-View-Intent (MVI) architecture to facilitate easy onboarding for new and existing customers, increasing customer base by 40%.
- Optimization of the app based on Oracle Banking Server, enhancing the response time by 50%.

- Spearheaded the creation of a comprehensive Feature Deliverables Test Plan, reducing time-to-production by up to 50%, and ensuring high-quality application releases.
- Orchestrated collaboration with cross-functional teams, resulting in a 20% increase in requirements accuracy and alignment with project objectives.
- Handled the rollout of [KBZPay](#) and [KBZPay Partner](#) on multiple platforms, achieving a 95% reduction in update-related issues reported by the users on the Google Play Store, Huawei Store, and Mi Store.
- Implemented robust Android security protocols, achieving a 70% reduction in security incidents, while also conducting effective debugging and troubleshooting to maintain 99.9% uptime and seamless app performance.

Technologies Used: *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

- Implemented mentorship and contributed to developing 6 successful Android apps, showcasing proficiency in diverse domains such as healthcare, government projects, education, and location-based projects.
- Effectively led mobile developer teams, delivering technical guidance and detailed documentation for scalable solutions, optimizing productivity by 30% in an agile environment.
- Performed comprehensive testing, including unit, integration, instrumented, and user acceptance testing, resulting in a 95% increase in software quality and reliability.
- Collaborated with QA Engineers, UI/UX designers, clients, and cross-functional teams to boost user engagement through visually captivating interfaces, resulting in a 25% increase in user satisfaction metrics and a 30% decrease in bounce rates.

Technologies Used: *Swift, Dart, Restful API Integration, MVC, MVP, Realm, SQLite, Firebase, Firestore, Google* Crashlytics, Google Cloud Platform, System Design, REST APIs Integration

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

- Developed a flagship Trading Android application [Commo Trade](#), utilizing Java MVC architecture and WebSocket technology, achieving a 50% reduction in data latency and enhancing real-time responsiveness.
- Directed UI design enhancements, driving a 20% increase in user satisfaction metrics and a 15% reduction in workflow inefficiencies. Implemented rigorous Feature Deliverable Test plans, ensuring a 95% defect-free production release rate and accelerating project timelines by 25%.

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

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

- Implemented critical NEWS display and download features, driving a 40% increase in user engagement. Integrated song request functionality for an FM Radio app, resulting in a 50% surge in user interaction. Collaborated with Project Manager and Senior Developer to streamline task execution, reducing project completion time by 20%.
- Assumed responsibility for drafting design documents, liaising with analysts, and delivering structured progress reports, showcasing dedication to sustainable development and professionalism. This led to a 30% enhancement in project transparency and stakeholder satisfaction.

Technologies Used: *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 *(In progress via distance education; expected completion 10/2025)*

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