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, demonstrating proficiency in resolving critical software challenges within tight deadlines. Notable contributions include optimizing app performance. Skilled in fostering team productivity through clear communication.

Core Competencies

Backend API Development ● Object-Oriented Programming (OOP) ● Automated Testing ● Design Pattern Dependency Injection ● 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

- Develop 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 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 in 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 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, contribution 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

Recent Projects

ENG_MM_DICTIONARY (Android – Jetpack Compose and Model-View-ViewModel architecture): This app is designed to provide an intuitive translation experience from the English to Myanmar language on Android devices. Offline first app by using Room Database.

Source Code

INSIGHT_HUB (Android – Jetpack Compose and Model-View-ViewModel architecture, Backend – Spring Boot): A platform for thinkers, writers, and storytellers to share their insights, ideas, and perspectives with audiences.

Source Code For Android
Source Code For Backend