

PHYO AUNG

Fairfield, Iowa 52557 • +1(641)233-9542 • phyothinzarr.aung@gmail.com

<https://www.linkedin.com/in/phyothinzaraung>

<https://phyothinzaraung.github.io>

<https://github.com/phyothinzaraung>

ANDROID DEVELOPER

Experienced Android developer with 8+ years of delivering scalable mobile applications using Kotlin and Java, aligning software designs with Android architecture patterns like MVC, MVI, and MVVM. Proven track record in Agile methodologies, adept at collaborating cross-functionally and addressing existing software issues. Strong problem-solving abilities and excellent communication skills.

CORE COMPETENCIES

Android Development • Object-Oriented Programming (OOP) • Automated Testing • Design Pattern • Dependency Injection • RESTful APIs Integration • Material Design UI/UX • Performance Optimization • Debugging and Troubleshooting • Code Review

Programming Languages: Kotlin, Java

Mobile App Development: Swift (iOS), Dart (Flutter)

Web Technologies: HTML5, CSS3, JavaScript, TypeScript,

Backend: Node.js, Express.js,

Frontend Frameworks: Angular.js

Web Services: Rest API, JSON

Frameworks: Android Architecture – MVC, MVI, MVVM, Clean Architecture, Jetpack Compose

Concurrency and Reactive Programming: Kotlin Coroutines, Kotlin Flow, RxJava

Databases: MySQL, SQLite, Room, Realm, MongoDB

Design Patterns: Singleton, Builder, Factory, Repository, Mediator, Iterator, Adapter, Dagger, Hilt

SDLC: Agile/Scrum

Version Control: Git Version Control

Development Tools: Android Studio, XCode, VS Code, Eclipse, IntelliJ IDEA, Android Jetpack Components, ProGuard,

Mobile Services: Google Maps, Firebase (Firebase Cloud Messaging, Analytics, Realtime Database, Authentication), Crashlytics, Retrofit, ButterKnife, Espresso, Junit, Mockito

Platforms: Windows, Mac, Android

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available full-time, W2 employment)

KANBAZA (KBZ) BANK, Yangon, Myanmar

03/2022 – 01/2023

Myanmar's largest private-owned bank.

Mobile Android Software Engineer

- Developed **Digital Onboarding** –Banking App using Kotlin in an MVI architecture to facilitate easy onboarding for new and existing customers, increasing customer base by 40%.
- Optimized the Banking Android app based on Oracle Server versions; enhancing response time by 50%.
- Spearheaded the creation of a comprehensive Feature Deliverables Test Plan, reducing time-to-production up to 50%, ensuring high-quality application releases.
- Implemented robust security measures using ProGuard to safeguard sensitive customer data, enhancing the application's overall security.

- Collaborated closely with cross-functional teams to gather requirements, ensuring alignment with project objectives.
- Led code reviews and resolved complex technical issues, ensuring stability for thousands of users.
- Handled the rollout of [KBZPay](#) and [KBZPay Partner](#) on the Google Play Store, Huawei Store, and Mi Store, making sure our users get the latest updates smoothly and without any issues.

Technologies Used: Kotlin, Android, Android Navigation Architecture, RxJava, Jetpack Components, Model-View-Intent Architecture, Room Database

KOE KOE TECH IT SOCIAL ENTERPRISE, Yangon, Myanmar

11/2016 – 02/2022

Global law & computer science solutions to incitement of violence, hate speech, and false information.

Senior Mobile Developer

- Developed innovative healthcare apps [Doctor Note - Electronic Medical Record](#) Android App, **CIMS** - Android App (Clinic Information Management System), **HIMS** – Android App (Hospital Information Management System) using Java in an MVC architecture, revolutionizing healthcare data management and patient care process.
- Created [Myo Taw - iOS App](#), a comprehensive solution for the City Development Committee with tax, billing, and licensing features, facilitating transparent and efficient municipal operations using Java in an MVC architecture.
- Designed and implemented a client-specific Android App tailored for locating the nearest places of interest, leveraging location-based services and intuitive user interfaces to enhance user experience and convenience.
- Developed the **Sarama** Android App, a dedicated learning platform for refugee camps, focusing on IT knowledge dissemination, digital literacy, and awareness regarding topics such as Hate Speech, cyberbullying, and cyber-attack prevention using Java and MVC architecture. This app played a crucial role in empowering marginalized communities with essential digital skills and knowledge.
- Led mobile developer teams, provided technical guidance, and maintained documentation for knowledge transfer and future enhancements in an agile methodology.
- Conducted extensive testing, including unit, integration, and user acceptance testing, to ensure software quality and reliability.
- Collaborated closely with UI/UX designers, optimizing user engagement through visually appealing interfaces.

Technologies Used: Java, Swift, Dart, Android, iOS, Flutter, Restful Services, Android Architecture Components, Android Architecture Patterns

DIAMOND BUTTERFLY TRADING COMPANY, Yangon, Myanmar

01/2016 – 10/2016

Stock Trading Company

Android Developer

- Developed a trading application [Commo Trade](#) on Android using Java in an MVC architecture for ease of trade.
- Designed and implemented the user interfaces (UI) for an intuitive and ease-of-use User Experience.
- Collaborated with the cross-functional team for business logic and workflow optimization.
- Specified and performed Feature Deliverables Test plans to reduce time to production.

Technologies Used: Java, Android, WebSocket, Android Studio, Model View Controller Architecture, SQLite Database

BAGAN INNOVATION TECHNOLOGY, Yangon, Myanmar

01/2015 – 06/2015

Developing innovative mobile apps and services for Myanmar users.

Jr. Android Developer

- Updated critical NEWS features like display and download on the Android application using Java.
- Built a feature to request songs for an FM Radio app to allow authorized users to request songs.
- Collaborated with Project Manager and Senior Developer for task accomplishment.

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

FREELANCE EXPERIENCES

FLEXTech INNOVATION, Yangon, Myanmar

06/2019 – 10/2019

<https://flectechmyanmar.com>

iOS Developer

Designed and developed a robust Point of Sale (POS) System for a toy shop on the iOS platform using Swift as the primary programming language. Integrated advanced technologies and tools to enhance functionality and user experience.

Technologies Used: Swift, iOS, XCode, Storyboard and XIBs, Model View Controller Architecture

ACADEMIC PROJECTS

Maharishi International University (2023)

MWA Music Player and MAP Music Player: Developed a website for music and playlists using Angular, Node.js, HTML, CSS, JavaScript, and Mongo DB.

Maharishi International University (2023)

WAP Shopping Cart: An e-commerce website allowing a full e-commerce experience including product catalog, comparison, Wishlist, and cart creation using HTML, CSS, JavaScript, and Node.js.

Maharishi International University (2023)

Spring Boot-like framework development: Designed and implemented a custom Spring Boot framework, emphasizing ease of development and streamlined application development.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 10/2025)

Maharishi International University, Fairfield, Iowa

Key Courses: Modern Asynchronous Programming, Modern Web Applications, Advanced Software Development, Web Application Programming

Bachelor of Science in Computer Science (Honors)

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

Bachelor of Science in Computer Science

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