

Khun Aung

Fairfield, Iowa 52557 • 641-233-9391 • khunsoemoeaung.henry@gmail.com
<https://www.linkedin.com/in/khunsma/>

ANDROID MOBILE DEVELOPER

Android Mobile Developer with around 5 years of hands-on experience in designing, developing, maintaining, and deploying high-performance mobile applications for financial sectors. Skilled in requirements gathering and defining project scope. Adept at collaborating with cross-functional teams and clients to deliver robust, scalable, and innovative solutions. Experienced in native Android app development using Java, and Kotlin languages.

Object-Oriented Programming (OOP) • SDLC • SOLID • Android Architecture Components
Android SDK • Android Jetpack • Clean Architecture • UI/UX Design
Efficiency Improvements • Team Collaboration

Languages: Java, Kotlin

Web: HTML, CSS, JavaScript, jQuery, Bootstrap, React

Web Services: Restful, GraphQL, SOAP, JSON

Web/App Servers: Apache Tomcat

Frameworks: Express, Nodejs, React Native, Hibernate, Spring boot.

Databases: Oracle, MySQL, SQLite, Mongo DB

Design Patterns: MVP, MVVM, MVI, Singleton, Builder, Repository, Factory, Prototype, Observer

SDLC: Agile, Jira

Tools: Java, Kotlin, RxJava, RxAndroid, Android Studio, Dagger, Hilt, Koin, Git, Bitbucket, Jenkin

Platforms: Windows, Linux, MacOS

Application/Software: mBanking, smarHR, digitalOnboarding, KBZConnect, KBZPay, MMCalendar, EngMMDictionary, MMEngTranslator, Dhamma, MMSpelling, MyHealth, MCCT Fingerprint App

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

KBZ Bank Ltd., Yangon, Myanmar • 05/2017 – 02/2023

Myanmar's largest privately-owned bank, driving the success of the nation's entrepreneurs, businesses, and communities.

Mobile Android Software Engineer (07/2018 – 02/2023)

Developed native Android applications.

- Collaborated with cross-functional teams to gather requirements, and define project scopes using Jira, resulting in 100% timely delivery of project and meeting the client expectations.
- Integrated with third-party libraries, APIs, and web services for enhanced functionality using Retrofit, RxAndroid, Clean Architecture, MVI pattern, IDmission Biometric Library resulting in a 40% reduction in load times and a 25% increase in user retention rates.
- Researched and implemented modern technologies to enhance Android applications, by using Android Architecture Component including Room, ViewModel, Live Data, resulting in a 30% increase in application performance and reduction in crashes.
- Designed and implemented robust and maintainable code using Java and Kotlin, ensuring adherence to coding standards and best practices resulting in a 20% improvement in overall code and a 50% reduction in onboarding time for new team members.
- Collaborated with product owners and designers to create visually appealing and user-friendly interfaces, optimizing user experiences for various screen sizes and resolutions by using Figma and Genymotion, resulting in 15% increase in the user satisfaction scores.
- Deployed mobile applications on the Company's Public Server, Google Playstore and other app stores (Xioami, Huawei, Samsaumg), leading to an increase in app downloads by 50%.

Junior Developer (05/2017 – 07/2018)

- Developed and ensured the software functionality works, using C# Entity Framework, Corebanking Flexcube, resulting in meeting the in-house client expectation.
- Participated with in-house application teams and other IT teams in the department gathering to gather the project features and scope using Jira Tool resulting in 100% timely project delivery.
- Debugging and resolving the technical problems that arise using Bugs Tracking Tools, Spread sheet resulting in 25% reduction in user complaints and 15% increase in client's satisfaction scores.
- Write technical and functional documentation to facilitate software functionalities and to help users to be more familiar in working on it.

Technologies Used: Java, Kotlin, Android Studio, Clean Architecture, MVP, MVVM, MVI, C#, Entity Framework, MS VS Studio, PL/SQL, Oracle Flexcube, Git, Bitbucket, Jira

ACADEMIC PROJECTS

Maharishi International University (2023) - Library Management System: A desktop application that can manage the daily functions of a library. I was a team leader in this project. I prepared the project documents and developed desktop UI screens. Utilized Java, Swing, IntelliJ.

Maharishi International University (2023) - Case Management System: A web application for the lawyer. Working with a team, I was a backend developer in this project, developing the backend webservice APIs. Utilized HTML, CSS, JavaScript, Express, NodeJS, Prisma.

Maharishi International University (2023) - Product Management System: A CRUD Web application project to manage product stock. Working with a team. I was a front-end developer and developed web page screens for some features. Utilized React, Express, NodeJS, JavaScript.

Maharishi International University (2023) - Restaurant Management System: A hybrid mobile application project using React Native Technology. It can be installed on Android and iOS mobile devices. I was a team leader and worked both front-end and back-end. In front-end I developed mobile screens user interface (UI) using React Native framework, Figma for UI/UX. I also developed the backend web service API for the project using NodeJS, MongoDB and Firebase. Utilized React Native, Express, NodeJS, MongoDB, Firebase.

PERSONAL PROJECTS/APPS

MM-Calendar (2020) – 1+ Million downloads with 4.5 rating ([Play Store URL](#))

A Calendar with Myanmar Date and English Date. It can be calculated between Myanmar traditional date and English Date. Users can add notes and memory to the note features. Utilized Kotlin, MVVM, Room, Firebase SDK, and ironSource SDK.

English-Myanmar Dictionary (2021) – 100K+ downloads with 4.6 rating ([Play Store URL](#))

An offline dictionary can be able to search the explanation of each English word in Myanmar language. It also provides word of the day; the user can memorize at least one English word randomly every day. Utilized Kotlin, MVVM, Room, Google Speech Recognition, Firebase SDK and ironSource SDK.

Dhamma Tayardaw (2021) – 10K+ downloads with 5.0 rating ([Play Store URL](#))

A religious app for Buddhists. It helps for those who are interested in reading the Dhamma Script and listening to audio from Buddhist Monks, Abidhama Teacher, Mediation Trainer, etc. Users can also read and listen offline by downloading eBooks, and MP3 Audios. Utilize Kotlin, MVVM, Room, Firebase SDK, and ironSource SDK.

Myanmar Thetpone (2022) – 50K+ downloads with 5.0 rating ([Play Store URL](#))

A Myanmar Spelling App for those who learning Myanmar Word. It can be searched and checked the Myanmar over 200 provided words. A spelling Quiz Game is provided to practice the correct spelling. Utilized Kotlin, MVVM, Room, Firebase SDK, and ironSource SDK.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 12/2025)

Maharishi International University, Fairfield, Iowa

Key Courses:

Fundamental Programming Practices, Modern Programming Practices, Algorithm, Web Application Programming, Web Application Development 1, Mobile Application Development

Bachelor of Computer Science in Computer Science

University of Computer Studies, Yangon, Yangon (02/2010)

CERTIFICATIONS

Professional Diploma in Java Programming, IMCEITS-CDAC (2016)
Professional Certificate in Android Programming, IMCEITS-CDAC (2016)