

PHYO AUNG

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ANDROID DEVELOPER

Android developer with 8 years of experience, specializing in creating highly scalable and intuitive mobile applications on native and hybrid models using Kotlin and Java. Highly motivated self-learner with a track record of creating Android apps from scratch and scaling them to meet corporate requirements. Additionally, have some experience in creating iOS applications and cross-platform mobile apps utilizing Flutter. Proficient in Kotlin, Java, Android, Android Studio, Android Architecture Components, and Android Architecture patterns.

SKILLS

Native Android • Native iOS • App Store / Play Store • Object-Oriented Programming • Design Patterns and Architecture Patterns • Software Development Life Cycle • UI/UX Design

Languages: Kotlin, Java, Swift, Dart

Web: HTML5, CSS3, JavaScript, TypeScript, Node.js, Express.js, Angular.js

Web Services: Rest API, JSON

Frameworks: Android Architecture Patterns – MVC, MVI, MVVM, Clean Architecture

Databases: MySQL, SQLite, Room, Realm, MongoDB

Design Patterns: Singleton, Factory, Builder, Command, Observer, Strategy, State, Chain of Responsibility, Mediator, Iterator, Adapter, Proxy, Composite, Decorator, Visitor

SDLC: Agile/Scrum

Tools: Android Studio, XCode, VS Code, Eclipse, IntelliJ IDEA

Platforms: Windows, Mac

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 for easy onboarding of new and existing customers.
- Optimized the Oracle Banking Server versions 11.4 and 14.5 increasing response time by 50%.
- Collaborated closely with cross-functional teams, including the Business Team and Design Team, to gather requirements, facilitate business workflow discussions, and ensure a clear understanding of project objectives, resulting in the successful development of required features that met business needs.
- Took the initiative to create a comprehensive Feature Deliverables Test Plan, leveraging cutting-edge testing tools and methodologies to reduce time-to-production, ensuring the timely release of high-quality software.
- Implemented robust security measures and encryption protocols to safeguard sensitive customer data and enhance the overall security posture of the mobile banking application.
- Led code reviews and provided mentorship to junior developers, fostering a collaborative and knowledge-sharing environment within the development team.
- Investigated and resolved complex technical issues and bugs, ensuring the stability and reliability of the banking app for thousands of users.

- Stayed up-to-date with the latest Android development trends and best practices, continuously enhancing skills and knowledge to deliver innovative solutions.
- Participated in agile development cycles, consistently meeting project milestones and deadlines, and adapting to changing requirements and priorities.
- Collaborated with QA teams to ensure comprehensive test coverage and performed regression testing to maintain software quality throughout the development lifecycle.
- Worked closely with product managers to prioritize feature development based on customer feedback and market trends, contributing to the strategic roadmap of the mobile banking app.

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 [Doctor Note - Electronic Medical Record](#) Android App, **CIMS** - Android App (Clinic Information Management System), **HIMS** – Android App (Hospital Information Management System), revolutionizing healthcare data management and patient care process. These apps streamlined data entry, retrieval, and analysis, improving the overall efficiency and accuracy of medical records.
- Collaborated closely with clients, medical professionals, and stakeholders for extensive requirement analysis and technical discussions, ensuring a deep understanding of their needs and translating them into feature-rich, user-friendly mobile applications
- Created [Myo Taw - iOS App](#), a comprehensive solution for the City Development Committee in the cities of Taunggyi, Mawlamyine, and Hlaing Thar Yar (with tax, billing, and licensing features). This app featured tax management, billing, and license functionalities, facilitating transparent and efficient municipal operations.
- 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. This app played a crucial role in empowering marginalized communities with essential digital skills and knowledge.
- Led a team of mobile developers in various projects, providing technical guidance, code reviews, and mentoring to junior developers, fostering a collaborative and knowledge-sharing environment.
- Implemented cutting-edge security measures and encryption protocols to safeguard sensitive healthcare and personal data, ensuring compliance with industry-specific regulations and standards.
- Continuously researched and adopted the latest mobile development technologies and best practices to stay at the forefront of the industry, delivering innovative and reliable solutions to clients.
- Conducted thorough testing, including unit testing, integration testing, and user acceptance testing, to maintain the highest software quality and reliability.
- Collaborated with UX/UI designers to create intuitive and visually appealing user interfaces, optimizing user engagement and satisfaction.
- Successfully delivered projects on time and within budget, meeting or exceeding client expectations and contributing to long-term partnerships.
- Maintained comprehensive project documentation, including technical specifications, architecture diagrams, and user manuals, facilitating knowledge transfer and future enhancements.
- Actively participated in agile development methodologies, ensuring efficient project management, frequent client feedback, and continuous improvement in project delivery processes.

Technologies Used: Java, Swift, Dart, Android, iOS, Flutter

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 and Android Studio 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, 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: A website for music and playlists where users can add and remove songs. Created the front end using Angular and the back end using Node.js and Mongo DB.

Maharishi International University (2023)

MAP Music Player: A website for music and playlists where users can add and remove songs. I created the front-end using HTML, CSS, JavaScript, and the back end using Node.js.

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. I created the front end using HTML, CSS, and JavaScript.

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

University of Computer Studies, Dawei, Myanmar (04/2013)