

## HTET PHYU

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### IOS DEVELOPER

Detail-oriented and innovative Senior Mobile Developer with over 5 years of experience in the social media and e-commerce industry, creating high-quality iOS and Android applications. Skilled in Swift, SwiftUI, UIKit, CoreData, Combine, Alamofire, REST API integration, Firebase, and Kotlin, with a strong commitment to writing clean, maintainable, and efficient code. Demonstrates a keen eye for code quality, consistently adhering to best practices and delivering robust, scalable applications. Adaptable and proactive, with proven collaborative skills and an ability to communicate effectively across cross-functional teams, ensuring alignment and smooth project progression within Agile environments.

- MVVM Architecture • REST API Integration • Database Management (CoreData, Realm, Room & MySQL)
- Unit Testing • Third-Party Library Integration • App Store & Play Store Deployment

**Languages:** Swift, Kotlin, Java

**Web Services:** REST API integration (Retrofit, URL sessions/ Alamofire)

**Frameworks:** UIKit, SwiftUI, CoreData, Combine, Alamofire, Firebase, Socket.io, Agora, CoreAnimation, Retrofit, Room

**Databases:** Realm, CoreData, Room, MySQL

**Design Patterns:** Singleton, MVC, MVVM, Clean Architecture

**SDLC:** Agile, Waterfall

**Tools:** Android Studio, Xcode, IntelliJ, Git, Postman, Swagger, Figma, Jira, Confluence, Trello, Slack

**Platforms:** Windows, MacOS

### 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).

#### **GALAXY TECHNO CO., LTD, Mandalay, Myanmar • 11/2021 – 03/2024**

A Software Company with a focus on social media and E-commerce application development.

##### **Senior iOS Developer**

Mobile App Development

- Developed "YouKnow", a real-time chat messaging application using SwiftUI, improving customer satisfaction by enabling seamless client-agent communication.
- Architected database structures and implemented offline message storage with CoreData, resulting in faster data access and improved app reliability even in low-connectivity scenarios.
- Executed REST API calls using Alamofire and URLSession for efficient data retrieval, enabling dynamic content updates, which improved app performance by 40% and reduced load times significantly.
- Enhanced code maintainability by implementing MVVM and Clean Architecture, applying unit tests at each stage to ensure quality, and leveraging Combine for reactive data handling, resulting in a modular, responsive, and scalable application.
- Developed and integrated real-time chat, audio, and video streaming features using Socket.io for bidirectional communication and Agora for low-latency streaming, enhancing and boosting user satisfaction by 30% with reliable performance in varying network conditions.
- Implemented app notifications using Apple Push Notification Service (APNs) to enhance user engagement and retention, leading to approximately 26% increase in daily active users by delivering timely, personalized updates and reminders that kept users actively engaged with the app's key features.

**Technologies Used:** Swift, SwiftUI, Combine, Alamofire, CoreData, Socket.io, Agora, RESTful APIs, Xcode, Git.

#### **MYANMAR HIGH SOCIETY, Yangon, Myanmar • 07/2019 – 01/2021**

An IT solutions and outsourcing software company.

##### **iOS and Android Developer**

Mobile app development, e-commerce apps : [VistraMyanmar](#) , [MyPet](#) , [iTBaby](#) , [KKA Gold](#) , [360 DelightBar](#)

- Developed "MIU" (Myanmar Imperial University), an all-in-one educational Android app using Kotlin, providing access to events, timetables, e-library, student results, and payments, significantly improving the academic experience and streamlined campus services, and created a more efficient campus management system.

- Built e-commerce apps for iOS and Android using a single codebase for multiple e-shops, enabling the customization of features for individual shops, leading to a 30% reduction in maintenance costs by consolidating operations within a unified platform.
- Integrated Firebase and APNs for push notifications, implemented REST API calls with Retrofit and Alamofire for efficient data exchange, and used MVVM and Clean Architecture for scalability, improving app performance and user engagement by 20%.
- Integrated Bank Payment SDKs for secure transactions, added delivery slot selection to optimize logistics, and developed a member points system to boost loyalty, increasing repeat purchases by 20% and enhancing customer satisfaction.
- Engineered "[Income Insurance](#)" app using Kotlin with Samsung Health SDK for health data insights, Google Maps for branch locations, and secure authentication, boosting user engagement by 40% and customer retention by 25%.
- Delivered apps to the App Store and the Play Store by expertly managing submission workflows, preparing metadata and assets, resolving potential issues, and ensuring adherence to quality standards, leading to successful launches and increased app visibility.

**Technologies Used:** *Swift, UIKit, CoreData, MVVM, Clean Architecture, Alamofire, URL sessions, Room, APNs, Kotlin, Retrofit, Firebase.*

### **DIGITAL FUSION CO., LTD, Yangon, Myanmar • 10/2018 – 06/2019**

A software company specializing in the development of point-of-sale (POS) applications.

#### **Jr. Android Developer**

POS apps development : [FusionPOS](#)

- Conducted thorough testing, ongoing maintenance, and feature enhancements for existing POS apps, resulting in improved functionality, bug fixes, and overall user experience, which led to a 20% increase in customer satisfaction.
- Developed advanced sales report features with weekly, monthly, and yearly charts, along with voucher printing support for A4, A5, and Bluetooth printers, significantly improving operational efficiency and enabling faster decision-making for sales teams.
- Delivered apps to the Play Store achieving successful launches and ensured user accessibility.

**Technologies Used:** *Java, Retrofit REST APIs, MVVM, Room, Firebase.*

## **ACADEMIC PROJECTS**

### **Maharishi International University (2024)**

**Bank System:** This project provides hands-on experience in designing a framework for financial systems, showcasing how to build scalable, reusable software components. It highlights the importance of design patterns, modular development, and system integration through practical implementations of banking and credit card operations. Utilized Java, SQL.

**Library Management System:** The Library Management System project focuses on implementing class diagrams, use case diagrams, and sequence diagrams to design and develop a functional system. It emphasizes modeling key components and processes, such as book borrowing and member management, and translating these designs into working code for a structured, maintainable application. Utilized Java.

## **EDUCATION**

### **Master of Science in Computer Science**

*(In progress via distance education; expected completion 12/2026)*

Maharishi International University, Fairfield, Iowa

**Key Courses:** *Web Application Architecture, Advanced Software Development, Web Application Programming, Algorithms*

### **Bachelor of Science Business Information Systems in Computer Science**

University of Computer Studies Mandalay, Mandalay, Myanmar (09/2018)