

# Aung Thu Oo

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## Summary

With over 15 years of experience in the software industry, I am a Senior Developer at Hana Microfinance, a leading provider of microfinance solutions in Myanmar. I leverage my full stack expertise to deliver scalable and user-friendly web and mobile applications that enhance financial inclusion and empowerment for millions of people.

My core competencies include PHP, React.js, Node.js, Vue.js, Laravel, AWS, and Docker. I have also worked with Flutter, Java, Microsoft Power Platform, Power App, and Socket.io on various projects. I enjoy collaborating with cross-functional teams, learning new skills, and solving challenging problems. My mission is to create impactful and innovative solutions that make a difference in the lives of people.

## Experience



### Senior Developer

Hana Microfinance

Jan 2024 - Present (5 months)

Responsibilities:

FinFlex Integration:

Collaborated with cross-functional teams to understand requirements and design robust integration solutions.

Implemented APIs and data pipelines to facilitate communication between FinFlex and other systems.

Loan App (Online/Offline):

Designed and implemented features for streamlined loan application processes, enhancing user experience and efficiency.

Utilized modern technologies to enable offline functionality, ensuring accessibility in diverse environments.

Worked closely with stakeholders to gather requirements and iterate on features to meet business objectives.

Internal Software:

Contributed to the development of various internal software solutions aimed at optimizing workflow efficiency and productivity.

Worked closely with end-users to understand pain points and develop tailored software solutions to address specific needs.

Implemented features such as user authentication, data management, and reporting functionalities to enhance usability and effectiveness.

Provided ongoing support and maintenance for internal software systems, including troubleshooting and bug fixing.

Tech Stack

PHP (Laravel),  
React.js,  
Node.js  
Docker  
AWS  
Microsoft Power Platform, Power App



## Technical Lead

SoftwareZay.com

Jan 2020 - Present (4 years 5 months)

Projects

YaeOhSin Water Delivery ( Purified water delivery)  
RewardsTogether ( Loyalty App )  
OMG Game Shop ( Game credit sales )  
Ecommerce Apps  
Van Car Sales ( Offline / Online sales App )  
Delivery Apps ( Food Mall, Mall Plus)  
News App ( CMS )

Tech Stack

React.js  
Node.js  
Laravel (PHP)  
Vue.js  
Amazon Web Service (AWS)  
MySQL  
Git



## Sr. Software Engineer

onenex

Jan 2023 - Dec 2023 (1 year)

Responsibilities:

Pocket (Loyalty Point App):

Played a key role in the development of the Pocket loyalty point app, focusing on enhancing user engagement and retention.

Designed and implemented features to gamify the user experience, increasing user interaction and loyalty program participation.

Integrated third-party APIs to enable seamless redemption of loyalty points across a diverse range of partner platforms.

Collaborated with the design team to ensure a visually appealing and intuitive user interface, resulting in positive user feedback and increased usage metrics.

Conducted performance optimization and bug fixing to ensure a smooth and responsive user experience across various devices.

#### Yoma Connect (HR Software):

Led the development efforts for Yoma Connect, an innovative HR software solution aimed at streamlining employee management processes.

Designed and implemented modules for employee onboarding, performance management, and time tracking, tailored to the specific needs of clients.

Worked closely with HR professionals to gather requirements and iterate on features to align with industry best practices and regulatory compliance.

Integrated advanced analytics and reporting functionalities to provide HR managers with actionable insights into workforce trends and performance metrics.

Provided ongoing support and maintenance for Yoma Connect, including troubleshooting and implementing software updates to address evolving user needs and requirements.

#### Tech Stack

PHP (Laravel),

Vue.js,

Node.js

CI/CD,

AWS

Git



## Full Stack Developer

### MallPlus Myanmar

Nov 2022 - Dec 2023 (1 year 2 months)

#### Responsibilities:

##### Food Order Customer App:

Led the development team in creating a user-friendly and intuitive food order customer app for iOS and Android platforms.

Designed and implemented features such as menu browsing, order placement, payment processing, and order tracking.

Integrated geolocation services for accurate restaurant discovery and delivery estimation.

##### Restaurant App:

Implemented features for menu customization, table management, and inventory tracking to streamline restaurant operations.

Integrated payment gateways and order management systems to facilitate seamless transactions and order fulfillment.

Conducted training sessions for restaurant staff on app usage and provided ongoing technical support.

##### Biker/Rider Food Delivery App:

Architected and developed a robust food delivery app for bikers/riders, enabling efficient order assignment, navigation, and delivery tracking.

Implemented features for real-time order updates, route optimization, and proof of delivery confirmation.

Optimized app performance for low-bandwidth environments to ensure reliable operation in all conditions.

#### Food Order Website:

Led the development of a responsive and scalable food order website, catering to desktop and mobile users.

Designed and implemented features such as user registration, restaurant search, and order management.

Utilized modern web technologies to create a seamless user experience across devices.

#### Order Management Dashboard:

Implemented features for order tracking, inventory management, and sales reporting.

#### Real-time Rider Tracking Website:

Built a real-time rider tracking website to enable customers to monitor the status of their orders and track delivery progress.

Integrated with the biker/rider app to fetch live location updates and estimated arrival times.

#### Tech Stack

PHP (Laravel), React.js, Vue.js, Node.js, Flutter (Android, iOS), Docker, DigitalOcean



### Food Mall Myanmar

Jan 2019 - Mar 2023 (4 years 3 months)

Responsibilities:

Food Order Customer App:

Led the development team in creating a user-friendly and intuitive food order customer app for iOS and Android platforms.

Designed and implemented features such as menu browsing, order placement, payment processing, and order tracking.

Integrated geolocation services for accurate restaurant discovery and delivery estimation.

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### **( Android, IOS, API with Laravel)**

#### **LAM Myanmar**

Sep 2017 - Jan 2019 (1 year 5 months)

#### Responsibilities:

##### Gym Management App:

Led the development of a comprehensive gym management app, encompassing features such as member registration, class scheduling, and payment processing.

Conducted usability testing and gathered feedback from gym owners and members to iterate on features and improve overall usability.

##### Real Estate Website:

Implemented advanced search functionalities, allowing users to filter properties based on criteria such as location, price range, and amenities.

Conducted performance optimization and SEO enhancements to improve search engine visibility and website responsiveness.

Collaborated with UI/UX designers to ensure a visually appealing and intuitive user interface.

##### Real Estate Customer App (Android, iOS):

Architected and developed a cross-platform real estate customer app for Android and iOS devices, providing users with on-the-go access to property listings and agent contacts.

Implemented features such as property search, saved searches, and push notifications for new listings matching user preferences.

Integrated with geolocation services to provide location-based property recommendations and neighborhood information.

Ensured app compliance with platform-specific guidelines and best practices for performance and user experience.

#### Loyalty Website:

Implemented user registration, point accumulation, and redemption functionalities to track and manage loyalty program activities.

Integrated with CRM systems and payment gateways to facilitate seamless points accrual and redemption processes.

Designed personalized user dashboards to display points balance, transaction history, and available rewards.

#### Tech Stack

Angular

Android And IOS with (NativeScript + Vue.js/ Flutter)

Laravel

Vue.js

React.js



### Senior Web Developer

Myanmar Marketing Research & Development Ltd. (MMRD)

Dec 2015 - Oct 2017 (1 year 11 months)

#### Responsibilities:

Building a directory website with big data capabilities involves integrating features that leverage large volumes of data efficiently to provide valuable insights and enhance user experience.

Implement a powerful search engine capable of handling complex queries across a vast dataset.

Allow users to search by various criteria such as location, category, keyword, ratings, and more.

Utilize autocomplete and suggest functionalities to enhance search efficiency.

Incorporate geospatial search capabilities to allow users to search for listings based on proximity to a specific location or geographic area.

Allow users to contribute content by submitting listings, reviews, ratings, and photos.

Implement caching mechanisms and load balancing techniques to optimize performance and ensure responsiveness.

Monitor system performance and scalability metrics proactively and implement optimizations as needed.

Integrate with external data sources such as APIs, databases, and web scraping tools to augment directory listings with additional data and enrich search results.

#### Projects

Directory Website Management (Big data)

Advertising Management Software

<https://www.yangondirectory.com/>

<https://www.mandalaydirectory.com/>

<https://www.mandalaydirectory.com/>

<https://www.automobiledirectory.com.mm/>

<https://www.buildersguide.com.mm/>

<https://www.edge.com.mm/>

<https://www.foodindustrydirectory.com.mm/>

<https://www.sayar.com.mm/>

Tech Stack

PHP (Joomla, Laravel )

MySql

MSSql

C#

jQuery



## **Senior Web Developer**

Myanmar Information Technology Pte Ltd

Dec 2011 - Oct 2015 (3 years 11 months)

Responsibilities:

ERP V5 Internal Accounting System:

Spearheaded the development and implementation of the ERP V5 Internal Accounting System, encompassing modules such as Sales Ledger, Purchase Ledger, General Ledger, Warehouse System, and Final Report.

Conducted thorough testing and quality assurance to ensure the reliability, accuracy, and security of the accounting system.

Provided ongoing support and maintenance, including troubleshooting and enhancements, to optimize system performance and user experience.

YKKO Waiter App (Web App):

Led the development of the YKKO Waiter App, a web-based application designed to streamline order management and enhance customer service in restaurant settings.

Worked closely with YKKO restaurant staff to understand workflow requirements and design intuitive user interfaces for order entry, table management, and bill processing.

Implemented real-time communication features to facilitate seamless coordination between waitstaff, kitchen staff, and cashiers, reducing order processing times and improving customer satisfaction.

Integrated with existing POS systems and payment gateways to enable secure and efficient payment processing.

Conducted usability testing and gathered feedback from end-users to iterate on app features and optimize user experience.

Banking Softwares:

Conducted system integration and testing to ensure interoperability with third-party systems and external APIs.

Tech Stack

J2EE

Java Spring boot

jQuery, JavaScript

JAVA

C#

Crystal Report, Jasper Report  
Google GWT  
Subversion



## **Programmer**

Galaxy Software Co.,Ltd

2006 - 2009 (3 years)

Responsibilities:

iStock Inventory Control System:

Designed and developed features for inventory tracking, stock replenishment, and warehouse management, leveraging technologies such as barcode scanning and RFID.  
Implemented real-time inventory monitoring and reporting functionalities to provide stakeholders with actionable insights into inventory levels and trends.  
Continuously monitored system performance and implemented optimizations to enhance scalability, reliability, and efficiency.

iLedger Accounting System:

Designed and implemented modules for general ledger, accounts payable, accounts receivable, and financial reporting, ensuring accuracy and reliability of financial data.  
Conducted regular audits and reconciliations to verify the accuracy of financial transactions and balances recorded in the Accounting System.  
Provided training and support to finance staff on system usage, accounting principles, and best practices to optimize productivity and accuracy.

## **Education**



**University of Yangon**

Post Grade Computer (PGDCA), Computer Science

Jan 2012 - Dec 2014

**Yangon Institute of Economics**

Bachelor of Commerce (B.Com), Ecommerce

2002 - 2005

## **Skills**

Socket.io • Redux • Hooks • Docker • Amazon Web Services (AWS) • React.js • TypeScript •  
Software Infrastructure • Web Technologies • Full-Stack Development