

Zu Zin Ko Htun

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Profile Summary

Results-driven **Senior Software Engineer** with **6+ years of experience in E-commerce and FinTech**, including as a core member of the **CityMall Online founding team (CityMallOnline)**. Proven expertise in **designing, developing, and supporting live applications** with a focus on **scalability, performance, and user satisfaction**. Strong command of the **full software development lifecycle** and adept at **mentoring and leading teams**. Holds a **Bachelor of Engineering in Information Technology** and is recognized for a commitment to **innovation, continuous improvement, and adapting to emerging technologies**.

Skills

Languages & Frameworks: C#, C++, Java, PHP, Ruby, JS, .Net Core, .Net Framework, WCF, Entity Framework, Entity Framework Core, jQuery, Bootstrap, HTML, CSS, WordPress

Databases & Cloud: MySQL, MSSQL, PostgreSQL, MongoDB, Redis, Microsoft Azure, Azure Data Factory, SSIS, SSRS

Tools & Methodologies: Git (GitHub, GitLab, Bitbucket), Jira, Confluence, Azure DevOps, Agile, Scrum, Waterfall, Docker

Leadership and Communication: Mentoring, Code Review, Vendor Management.

Language: English (Conversational)

Experiences

City Mart Holding Company Limited

August-2018 - December-2024 (Yangon, Myanmar)

Senior Software Engineer

June-2023 – December-2024

- Contributed to **developer recruitment and onboarding**, ensuring adherence to **coding standards and best practices** across the software development lifecycle.
- Led and mentored junior developers by providing technical guidance, conducting code reviews, delegating tasks, assisting in performance testing and debugging, training on deployment and monitoring, and promoting documentation and knowledge sharing.
- Created and maintained detailed system documentation, including architecture designs, API specifications, and user guides to ensure clarity and consistency across teams.

Projects:

SMSGateway: A system that enables businesses to send and receive text messages via various networks. SMS gateways are widely used for marketing, authentication (OTP), and customer service purposes, offering high reliability, scalability, and secure communication.

- Designed and implemented a **scalable, containerized SMS Gateway** using **microservices architecture**, improving **message throughput capacity by 70%** and optimizing communication efficiency and integrated external services.

CityMallOnline Logistic Management System: Version upgraded system based on existing Delivery Management System to optimize the delivery process (CityMall Online Delivery) by tracking shipments, managing delivery schedules, and ensuring timely and accurate deliveries, improving overall operational efficiency.

- Developed and upgraded a **scalable, high-performance system** with **secure authentication (JWT/OAuth)** and **data synchronization using Azure Service Bus**, improving response times by **40%**.

FinTech System (Near Me | E-Service, E-Payment, E-FMCG, E-Fund (Myanmar)): A range of digital services, including mobile top-ups, bill payments, e-commerce for FMCG products, and loan repayments. It connects retail agents to multiple services, enabling them to handle transactions and accept various payment methods.

- Transferred projects, and designed and developed **real-time, secure APIs for mobile top-up**, enhancing transaction reliability.

Software Engineer

August-2019 – May-2023

- Designed and implemented scalable, high-performance systems with secure authentication protocols (JWT/OAuth) and efficient data synchronization.
- Developed and maintained secure APIs with .NET Core, enhancing authentication/authorization and integrating real-time with external systems.
- Provided training and mentorship to junior developers, enhancing team productivity and code quality.

Projects:

CityMall Online Logistic Management System: Version upgraded system based on existing Delivery Management System to optimize the delivery process (CityMall Online Delivery) by tracking shipments, managing delivery schedules, and ensuring timely and accurate deliveries, improving overall operational efficiency.

- Designed system architecture with **Clean Architecture and Domain-Driven Design (DDD)**, integrating mobile features and enhancing server performance in collaboration with the infrastructure team and conducted thorough requirement gathering and analysis, enabling **seamless integration** across platforms.
- Developed a **scalable, high-performance system** with **secure authentication (JWT/OAuth)** and **data synchronization using Azure Service Bus**.
- Led **comprehensive testing and UAT**, achieving **95% defect resolution before go-live** and executed a **smooth go-live transition** with **24/7 operational support**.

Merchant System (ThirdParty Seller Portal): An innovative solution to enhance merchant fulfillment processes for third-party merchants on the CityMall Online platform, enabling faster and more accurate transaction processing.

- Designed and developed secure APIs with **.NET Core 3.1**, improving **authentication/authorization efficiency**.
- Integrated real-time **order status synchronization** with **SAP Hybris**, enhancing order tracking accuracy.

Monitoring System: Ensured smooth operations by monitoring system uptime for CityMall Online Systems, ERP order statuses and inventory levels, addressing issues promptly.

- Developed a **scalable monitoring application** with **real-time dashboards**, improving system uptime visibility by **40%**.
- Led **testing and deployment**, providing **24/7 operational support** for reliability.

Junior Software Engineer

August-2018 – July-2019

- Provided Level 3 application support, performed system monitoring, and managed vendor relationships.
- Designed and optimized data pipelines using Azure Data Factory for Data Warehousing, enhancing data quality and reporting efficiency.
- Developed and maintained WordPress sites, ensuring seamless content management and user-friendly experiences.

Projects:

Delivery Management System: A software solution that optimizing delivery scheduling, tracking, and communication between customers, vendors, and internal teams to ensure timely and efficient deliveries for CityMall Online E-Commerce platform.

- Provided Level 3 application support, troubleshooting issues and ensuring system stability and monitored system performance.
- Conducted requirement analysis and impact assessments to evaluate system changes and managed vendor relationships.

CityMall Online Data Warehousing: A data warehousing solution to centralize and analyze transactional data, enabling efficient reporting and data-driven decision-making.

- Configured **Azure Data Factory** to ingest and process data from multiple sources, improving data flow efficiency.
- Implemented **data cleaning, transformation, and enrichment**, enhancing data quality for analytics and integrated with **SQL Data Warehouse**.

Static Websites (CityRewards, CMHL, others 6+): Static websites for multiple companies under CMHL, focusing on fast loading, user-friendly interfaces, and seamless content delivery to enhance customer engagement and brand visibility.

- Collaborated with business users to gather website requirements, improving alignment with business goals.
- Managed and maintained **WordPress websites**, ensuring **100% content accuracy** and relevancy.

Education

Bachelor of Engineering (Information Technology)

2013 - 2019

West Yangon Technological University

Yangon, Myanmar

Diploma in Business Administration & Human Resource Management

2016 - 2017

DAIICHI Foreign Language School

Yangon, Myanmar

Certifications

- Microsoft Certified: Azure Data Fundamentals
- Java Programmer(J2SE)
- Web Technology and C++ Programming
- LCCI (Level-II)