

Wai Si Hnyun

Software Engineer

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📍 Yangon, Myanmar

🌐 WaiSiHnyun



Career Summary

Backend-focused Web Developer with 2+ years of experience and AWS Certified Solutions Architect - Associate delivering cloud-native solutions. Proven expertise in building scalable applications using Java (Spring Boot), PHP (Laravel), and Vue.js. Proficient in microservices architecture, API design, and managing diverse databases including PostgreSQL, MySQL, and MongoDB. Dedicated to deploying robust, high-performance systems on AWS that ensure reliability and scalability.

Technology Skills

Programming Languages

- Java
- PHP
- JavaScript
- TypeScript

Frameworks and Libraries

- Spring Boot
- Laravel
- Vue
- Nuxt

Database Technologies

- MySQL
- PostgreSQL
- MongoDB
- DynamoDB

Software Architectures

- MVC
- Microservices
- Event-driven

Web Services

- REST

- GraphQL

Cloud and Containerization

- AWS
- Docker

Professional Experience

Web Developer, Metateam Myanmar

Jun 2023 – present | Yangon, Myanmar

- Contributed to the continuous development of **b→dash**, a Japanese data marketing platform, by implementing key features in **Java (Spring Boot)** to support its world-first CDP function, enabling users to utilize data freely without SQL knowledge – improving data accessibility and customer engagement.
- Enhanced an existing e-commerce platform (ECCUBE CMS) by resolving critical bugs, optimizing backend logic in **PHP**, and adding new features using **JavaScript**, leading to a more seamless and responsive user experience.

Web Developer OJT, BIB Training Center

Mar 2023 – Jun 2023

- Engaged in designing and developing a food order system, including features like product management and order process using HTML, CSS, JavaScript with jQuery and PHP with Laravel framework.
- Gained experience in using version control tools such as Git for efficient team collaboration and code management.
- Developed a strong understanding of responsive web design and object-oriented programming.

Projects

b→dash, Data Marketing Platform from Japan

Feb 2024 – present

- Collaborated with a team to maintain a marketing automation tool utilizing a **microservices architecture** for scalability and resilience.
- Developed and maintained **two microservices** using **Java and Spring Boot**, ensuring efficient data processing and integration.
- Implemented **AWS SQS** to handle long-running, asynchronous tasks, preventing Gateway Timeout issues by decoupling microservices from synchronous API dependencies.
- Implemented functions to connect and retrieve data from multiple platforms, including **Shopify, Salesforce, Facebook Ads, and Google services** via API.

E-commerce Website

- Actively involved in maintaining an e-commerce platform developed using **ECCUBE** built on **Symfony** framework.
- Customized features of EC-CUBE to meet business needs, utilizing its **MySQL** database and MVC architecture.
- Played a crucial role in backend development, writing secure **PHP** code for efficient customer data handling.
- Fixed bugs and added new functionalities to improve user experience and boost online sales.

Task Management System [↗](#)

- Developed a Task Management System using **Nuxt with TypeScript** for the frontend and **Laravel** for the backend, enhancing team productivity and project tracking.
- Integrated **PostgreSQL** as the relational database management system to handle complex data structures and relationships.
- Implemented real-time notifications using **Pusher**, keeping team members up-to-date with task progress and deadlines.
- Designed a user-friendly interface with Nuxt using **Tailwind CSS**.
- Added project and task management features for creating, tracking, updating, and reporting tasks and projects.
- Implemented advanced features such as employee management, project assignments, and direct message management from admins to members.
- Applied some concepts of TDD and atomic design methodologies for building reusable components and better design.

Cake Shop, Food Order System [↗](#)

- Developed an interactive web-based food ordering system to streamline the process of ordering food from restaurants.
- Implemented front-end using technologies like **HTML, CSS, JavaScript, jQuery and Bootstrap** to ensure an intuitive and responsive user interface.
- Integrated back-end functionalities with **PHP, Laravel, and MySQL** to manage user data, order processing, and payment transactions.
- Designed a user-friendly dashboard for both customers and restaurant administrators, allowing for efficient order tracking and management.
- Implemented strong security measures, including input validation, secure user authentication, and **Google reCAPTCHA**, to safeguard sensitive customer data and prevent brute force attacks.
- Collaborated in a team setting using **Git** for version control, ensuring smooth workflow and consistent code quality.

Education

Computer Science, University of the People [↗](#) 2022 – present

Electronics Engineering, Mandalay Technological University [↗](#) Dec 2017 – Feb 2021
Mandalay, Myanmar

Certificates

- AWS Certified Solutions Architect - Associate [↗](#)

Languages

Burmese | **English** – EF SET B2 Certified [↗](#)