



Mo Kham

Java Developer

(+855) 966844230 (Whatsapp)

nanmokham101@gmail.com

Phnom Penh, Cambodia

[Portfolio Website](#), [LinkedIn](#), [Github](#)

Profile

Java Backend Developer with 5 years of experience, specializing in designing, developing, testing, and maintaining digital solutions for both company-owned products and clients' enterprise applications. Passionate about building efficient systems, solving complex issues, and enhancing user satisfaction. I am confident in utilizing my technical expertise and continuous effort to grow alongside the organization.

Education

Bachelor of Computer Science

January 2015 – September 2019

University of Computer Studies – Banmaw (Myanmar)

GPA : 3.4

AWS Certified Developer – Associate

December 2024 – December 2027

Experience

Senior Java Developer

September 2023 – Present

[LinuxLab](#), Myanmar (Full-time, Remote)

1. Reservation Management System

- Lead technical decisions, research, and development for new backend features in the Reservation Management System.
- Designed and developed core modules using multi-tenant and microservices architecture, streamlining bookings for restaurants, hotels, clinics, spas, and salons.
- Implemented CRUD operations, role-based access control (admin, merchant, user), and permission management using Keycloak and OAuth2.
- Developed booking confirmation and approval flows using Kafka as a messaging queue and sent real-time notifications via Firebase.
- Built backend APIs for mobile apps and web frontend including promotion features and schedule management.
- Continuously improved performance through bug fixes, code refactoring, and optimization.
- Deployed project files on Linux on-premise servers, ensuring proper configuration, logging, and runtime monitoring.

2. HR and Employee Ferry Management systems

- Developed and maintained real-time data integration pipelines for MPT client's enterprise applications.
- Built attendance tracking functions integrated with employee movement schedules.
- Used Apache Camel for routing and transformation of HR data streams between systems.
- Developed backend components with Spring Boot for service orchestration and data management.
- Ensured system reliability and responsiveness in enterprise-level real-time environments.

Technologies used: Java 17, Spring Boot, Apache Camel, Hibernate, MySQL, MongoDB, Redis, Kafka, Keycloak, OAuth2, Firebase, AWS, Git

Senior Java Developer

October 2022 – June 2023

Securelink, Myanmar (Full-time, Onsite)

1. Payment Gateway

- Maintained and enhanced a middleware system that integrated WIPO API (World Intellectual Property Organization) with MPGs, MPU, and CBPay payment gateways.
- Ensured secure and accurate transaction flows, handling encryption, response validation, and error-handling between government IP systems and payment processors.
- Developed and tested payment request/response flows to support real-time feedback for customers and users.
- Improved data validation, logging, and exception handling for critical financial processes.

2. Myanmar National Portal

- Enhanced the Myanmar National Portal by improving content presentation and backend logic for better user experience.
- Developed export report functionality for journal articles and government publications to support transparency and public access.
- Identified and fixed critical bugs related to article display, content approval workflows, and user role permissions.
- Used Liferay MVC for content management modules, customizing portlets, and supporting admin-level operations.
- Participated in testing and deployment, ensuring smooth delivery of portal updates.

3. E-Library system

- Developed secure and scalable RESTful APIs for a web-based and mobile E-Library system used by students and readers.
- Built CRUD operations for managing PDF books, authors, and categories.
- Implemented an online reading feature that allowed users to view books in-browser without download.
- Designed role-based access control for admins and users to restrict unauthorized access to premium content.
- Ensured data integrity and optimized query performance for large digital libraries.
- Deployed project files on Linux on-premise servers, ensuring proper configuration, logging, and runtime monitoring.

Technologies used: Java 8, Spring Boot, Liferay, Angular, Hibernate, MySQL, OAuth2, Git

Junior Java Developer

October 2021 – September 2022

Innoveller, Myanmar (Full-time, Onsite)**MMBusTicket Parcel Transportation System**

- Implemented a backend system for synchronous gate information retrieval from MMBusTicket, supporting seamless parcel transportation workflows.
- Developed logic for parcel acceptance and arrival tracking between origin and destination gates, ensuring accurate logistics status updates.
- Built REST APIs to integrate with Android applications like the Cargo Manager App and Cargo Agent App, enabling real-time operations.
- Ensured data consistency and synchronization across mobile and backend systems.
- Improved business process automation and reduced manual reporting through backend service enhancements.

Technologies used: Java 8, Spring Boot, Hibernate, Java Android, PostgreSQL, Git

Junior Java Developer

March 2020 – September 2021

Softstar Technology, Myanmar (Full-time, Onsite)

School Management System

- Developed and maintained core features such as student and guardian registration, teacher management with subject assignment, and student assessment modules.
- Implemented school fee payment features with individual tracking for each student.
- Participated in full development life cycle including feature design, coding, testing, debugging, and deployment support.
- Gained hands-on experience with AWS services during deployment and hosting phases.
- Ensured smooth system operations and contributed to improving administrative efficiency for preschools.

Technologies used: Java 8, Liferay MVC, JavaScript, Bootstrap, MySQL, and AWS services, Git

Programmer – Internship

May 2019 – July 2019

Innowave, Myanmar (Full-time, Onsite)

- Learn POS System flow and application design architecture
- Learn the development of Point Of Sale System with backend control system using PHP CodeIgniter framework.
- Implementation for the Context Management System using WordPress.