

LOO JUIN SONG

Kuala Lumpur • 011-10569736 • jsloo1129@gmail.com

<https://www.js-loo.my>

SUMMARY

Financial Technology graduate with strong expertise in web and backend development. Skilled in Java, Laravel, and Spring Boot, with hands-on experience in system architecture upgrades, database migration, and cloud services. Proficient in API integration, including AWS services (Glue, S3, Lambda, SQS), and writing unit tests with JUnit, JMockit, and other frameworks. Experienced in automating workflows with Python, enhancing operational efficiency. Strong foundation in cryptocurrency and finance, with a proven track record in developing secure, scalable solutions. A proactive learner, able to quickly adapt to new technologies and drive continuous improvement.

WORK EXPERIENCE

Java Developer | Neusoft Malaysia Sdn Bhd

July 2024 – Present

- **Framework Upgrade:** Migrated code from Struts 1 to Spring MVC 6, modernizing the web architecture and improving maintainability.
- **Database Migration:** Refactored codebase to migrate from Oracle to PostgreSQL, ensuring full compatibility and minimal disruption.
- **JDK Upgrade:** Upgraded project from JDK 8 to JDK 17, including dependency updates and code adjustments for full compatibility.
- **Log4j Migration:** Upgraded logging framework from Log4j 1 to Log4j 2 to enhance security and maintainability.
- **On-Site Testing (Japan):** Conducted testing on AWS services, including Glue, S3, Lambda, and SQS, as well as BIRT reports, ensuring system stability and performance.
- **Unit Testing:** Wrote unit tests for code changes using JUnit, JMockit, and other mocking frameworks to ensure test coverage and code reliability.
- **Workflow Automation:** Developed Python scripts to automate repetitive tasks, improving efficiency and reducing manual effort.

Laravel Developer Internship | TechTree Sdn Bhd

April 2023 – July 2023

- **Gym Membership System:** Developed and maintained a system for managing gym memberships, including user registration, payments, and membership tracking.
- **SaaS Application:** Built a subscription-based platform allowing users to purchase packages and access downloadable content.

OTHERS EXPERIENCE - September 2023 – Jun 2024

ERP System API Integrations

- Integrated Lazada, Shopee, TikTok, WooCommerce, and EasyParcel APIs into an ERP system for automated order synchronization, shipping management, and real-time tracking, enhancing operational efficiency.

LHDN e-Invoice Integration

- Developed an LHDN e-Invoice API integration in a Laravel-based CMS, converting invoices to XML format and ensuring regulatory compliance.

Corporate Website Development

- Developed a corporate website using Laravel, including a fully functional admin management system for content and user control.

Enterprise-level Management System in Springboot

- Built a distributed system using Spring Boot with microservices architecture, leveraging Nacos, OpenFeign, RabbitMQ, and Redis. Gained solid experience in backend system design and integration.

SCHOOL EXPERIENCE

Final Year Project - On campus e-wallet (AP Wallet)

- Built a campus-wide e-wallet app with QR payments, loyalty rewards, chat, and budget tools. Supported student, merchant, and admin roles. Deployed on DigitalOcean linux server with Nginx and integrated Stripe for top-ups. Modernized campus transactions with a secure, scalable solution.

Real Estate Tokenization System

- Developed a Java-based system applying blockchain concepts to enable secure, tokenized real estate investment. Used public/private keys and digital signatures to ensure transaction integrity, supporting fractional ownership through token issuance and trading.

EDUCATION

BSC (Hons) in Information Technology with a specialism in Financial Technology (FINTECH) - 3.22 CGPA

May 2020 - July 2024

Asia Pacific University of Technology & Innovation (APU)

Sijil Pelajaran Malaysia (SPM) Grade – 8A,1B,1C

Jan 2015 - Dec 2019

Sekolah Menengah Jenis Kebangsaan Tinggi Cina Melaka (STCM)

ADDITIONAL INFORMATION

- **Backend Skills:** Java, Springboot, PHP, Laravel, Python, C
- **Frontend Skills:** HTML, CSS, Javascript, Bootstrap, Tailwind
- **Cloud Skills:** AWS(Glue, Lambda, S3, SQS), DigitalOcean, Nginx
- **Languages:** Mandarin, English, Bahasa Melayu, Cantonese, Japanese