

TAING LYHONG

Software Developer | Web Developer | Lecturer

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(GitHub) <https://github.com/tainglyhong>

SUMMARY

Software Developer with 3+ years of experience in web application development, software engineering, and technical instruction. Experienced in building and maintaining scalable applications using Laravel, PHP, MySQL, JavaScript, React, and Flutter. Proven ability to develop business systems, integrate payment gateways, deploy applications, and deliver software solutions that improve operational efficiency. Strong problem-solving skills with experience in software testing, database design, and system optimization.

TECHNICAL SKILLS

- Programming: PHP, Java, C/C++, Python, JavaScript
- Web Development: Laravel, React, HTML, CSS, Bootstrap, Tailwind, Node.js
- Mobile Development: Flutter, Dart, Firebase
- Database: MySQL, SQLite, PostgreSQL, Database Design, SQL Query Optimization
- UI/UX Design: Wireframing, Prototyping, Responsive Design
- IoT Development: IoT System Development, Arduino Development, Sensor Integration, Hardware-Software Integration
- Cloud & Hosting: Cloudflare, cPanel, DNS Management, Website Deployment
- Testing: Functional, Integration, System, Regression, UAT
- Tools: Git, GitHub, Postman, VS Code, Android Studio
- Soft Skills: Problem Solving, Team Collaboration, Communication, Analytical Thinking

WORK EXPERIENCE

Lecturer of Computer Science

Life University , Sihanoukville, Cambodia

January 2025 – Present

- Teach undergraduate courses in Computer Science, including programming, database systems, web development, and software engineering.
- Prepare course materials, assignments, examinations, and practical laboratory exercises.
- Mentor students in software development projects and technical problem-solving.

Lecturer of Computer Science (Part-time)

Life University , Sihanoukville, Cambodia

May 2024 – December 2025

- Delivered lectures and laboratory sessions in Computer Science courses.
- Assisted students in programming, database design, and web application development.

- Contributed to the development and maintenance of the Life Football Club e-ticketing platform using Laravel and related web technologies.
- Developed and maintain the e-ticketing platform (fctickets.lifeun.edu.kh) for Life Football Club using Laravel, PHP, MySQL, JavaScript, AJAX, jQuery, Blade, and ABA PayWay integration.

Web Developer

Life University , Sihanoukville, Cambodia

January 2023 – January 2025

- Developed and maintained the university website using WordPress.
- Developed and maintained multiple business web applications using Laravel, PHP, MySQL, JavaScript, AJAX, and jQuery, Tailwind, APIs, Telegram bot.
- Collaborated with stakeholders to gather requirements and design user interfaces.
- Performed software testing, debugging, and maintenance.

Chinese Teacher (Part-time)

Tai zhong Chinese center , Sihanoukville, Cambodia

July 2022 – 2025

- Taught Chinese (Mandarin) classes part-time to Children and adult groups.
- Prepared lesson plans and practice materials tailored to learner level.
- Guided students in speaking, listening, reading, and writing practice.

PROJECTS

FC Tickets – E-Ticketing Platform for Life Football Club | URL: <https://fctickets.lifeun.edu.kh>

Technologies: Laravel, PHP, MySQL, JavaScript, AJAX, jQuery, Blade, ABA PayWay

- Developed and maintained an online ticketing platform with QR-code verification and ABA PayWay integration for football event ticket sales for Life Football Club.
- Implemented online payment processing through ABA PayWay integration.
- Generated QR-code tickets for event entry and verification.
- Developed an admin dashboard for ticket management, payment monitoring, and reporting.
- Improved the ticket purchasing process through a secure and user-friendly interface.

Coffee POS System

Technologies: Laravel, PHP, MySQL, JavaScript, AJAX, jQuery, Telegram Bot

- Designed and developed a Point-of-Sale (POS) system for coffee shop operations.
- Implemented product management, inventory tracking, sales processing, and reporting features.
- Integrated Telegram Bot notifications for order and business monitoring.
- Developed responsive user interfaces for efficient order management.

Shirt POS System

Technologies: Laravel, PHP, MySQL, JavaScript, AJAX, jQuery, Telegram Bot

- Developed a retail POS system for managing products, sales transactions, and inventory.
- Implemented order processing and sales reporting functionalities.

- Integrated Telegram Bot notifications for transaction updates.
- Maintained and optimized system performance and usability.

Life University Website | URL: <https://lifeun.edu.kh>

Technologies: WordPress, Cloudflare, HTML, CSS, JavaScript

- Managed and maintained the official university website (lifeun.edu.kh).
- Managed website content, security, and performance optimization.
- Configured Cloudflare services, DNS records, and hosting settings.
- Improved website availability, speed, and user experience.

Student Enrollment System

Technologies: Laravel, Flutter, MySQL, REST API

- Developed an online student enrollment system for registration and admission management.
- Built RESTful APIs using Laravel and integrated them with a Flutter mobile application.
- Implemented student information management and data validation features.
- Enhanced the enrollment process through digital application submission and tracking.

EDUCATION

Bachelor of Computer Science

Life University of Cambodia, Sihanoukville

January 2021 – December 2025

Graduated from Sihanoukville High School

Cambodia, Sihanoukville

January 2019 – December 2021

CERTIFICATES & AWARDS

- Scholarship Recipient – PAUA-Ha Sang Tuk Scholarship Program, Life University of Cambodia.
- Scholarship Recipient – PAUA Scholarship Award (USD 370), Life University of Cambodia.
- Grade A Recognition in National Examinations, awarded by the Preah Sihanouk Provincial Administration, Cambodia.
- Chinese Language Certificate, Tai Zhong Chinese Center, Sihanoukville, Cambodia.
- Certificate of Completion of Higher Education in digital Electronic Program | Sihanouk, KOICA, Life University, Cambodia
- Certificate of Completion of Higher Education in Game Program Design | Sihanouk, KOICA, Life University, Cambodia

LANGUAGES

- Khmer : Native
- English : Intermediate (Reading, Writing, Speaking, Listening)
- Chinese (Mandarin) : Advanced (Reading, Writing, Speaking, Listening)