

LAU SHENG CHER

📍 George Town, Malaysia ✉ phymaslau@gmail.com ☎ (60)11- 7307 1483 🌐 in/phymas 🌐 https://www.phymas.me/

SUMMARY

Third-year computer science student with experience in full-stack web development using HTML, CSS, JavaScript, TypeScript and more. Passionate about staying up-to-date with the latest technologies and trends in the field. A dedicated team player who collaborates effectively to achieve project goals.

PROJECTS

Social Forum | Universiti Malaysia Terengganu | November 2022 - Present

- Built with Next.js, Mantine UI, Apollo Server, GraphQL and Prisma.
- Developed using a microservice architecture, which allowed for greater scalability and maintainability.
- Leveraged version control tools such as Git to maintain code quality.
- Implemented features such as discussion forums, communities, private messaging, and user profiles.
- Demonstrated proficiency in web development, database management, and project management skills.

Luxury E-Commerce | Universiti Malaysia Terengganu | November 2021 - January 2022

- Integrated third-party service Stripe for secure payment processing and deployed the application on Heroku.
- Utilized Node.js as the primary back-end technology and employed client-server architecture.
- Coordinated with team members to curate and edit all products featured on the platform.
- Gained experience in developing e-commerce applications using modern web technologies.
- Leveraged version control tools such as Git to maintain code quality and enable seamless collaboration with team members.

Online Banking System | Universiti Malaysia Terengganu | April 2021 - July 2021

- Mainly built with Java Swing.
- Created a custom encrypted database to securely store user information.
- Implemented password hashing using bcrypt for added security.
- Connected with API to exchange currency according to real-time exchange rate.
- Demonstrated proficiency in Java swing and Object-oriented programming concepts.

EDUCATION

Bachelor Degree of Computer Science with Maritime Informatics | Minor in Maritime Informatics | Universiti Malaysia Terengganu | Terengganu | 2024 | 3.96

Malaysian Higher School Certificate | Heng Ee High School | Georgetown, Penang | 2019 | 2.34

COURSEWORK

Web Application Development, Web-based Interface Design, Data Structure and Algorithm, Cybersecurity | Universiti Malaysia Terengganu | Leadership | 2021

SKILLS

Language: Mandarin, English, Bahasa Malaysia

Programming : Java, Kotlin, Python, Lua, JavaScript, TypeScript

Database : MySQL, SQLite

IDEs: Visual Studio Code, Netbeans, IntelliJ IDEA

Frontend Frameworks and Libraries: React, Next.js

API technologies: REST, GraphQL

Version Control System: Git