

NICKY YAP LE QI

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SUMMARY

Aspiring full-stack developer with a solid foundation in modern web technologies and a passion for building scalable and user-friendly applications. Experienced in designing and developing web-based solutions that optimize processes and enhance user experience. Seeking opportunities to leverage technical skills in a dynamic and innovative environment.

EDUCATION

Sigma School

Selangor, Malaysia (Remote)

Full-Stack Development Course

Nov 2024 - Jan 2025

- Created 25 individual projects using current web technologies including HTML5, CSS3, JavaScript, React.js, Redux, Node.js, Express.js, API, SQL, Firebase, Firestore, CI/CD.
- Earned the Best Capstone Project Award for demonstrating exceptional creativity, technical skills, and dedication.

AIMST University

Kedah, Malaysia

BSc. (HONS.) Management Information Systems (CGPA: 3.92)

Aug 2020 - May 2024

Key coursework:

- Gained practical experience in Power BI, applying data analytics techniques and creating insightful visualizations.
- Enhanced user interfaces of existing applications using Figma, improving overall user experience and system functionality.
- Designed and developed a web-based system for my final year project focused on optimizing an university's financial services, addressing inefficiencies and improving existing processes. Utilized HTML5, CSS3, and JavaScript for the frontend, PHP for backend processing, and MySQL for database management.

TECH PROJECTS

Petit MediCare | Healthcare Booking App

<https://petit-medicare.vercel.app>

Tech Stack: React, Bootstrap, Firebase Auth, Firebase Storage, Express/Node.js, PostgreSQL

- Completed the development of a full-stack website with responsive UI within a two-week timeline, streamlining patient appointments, consultations, and report retrieval.
- Enabled patients to book appointments and access reports online, eliminating the need to wait in long queues for consultations or reports. This feature saves time, allowing patients to schedule appointments in advance and retrieve reports conveniently, improving overall efficiency and user experience.
- Integrated real-time updates for doctor profiles using Firebase Storage and provided doctors with appointment management (view, update, and delete) and report upload functionality. Automated email notifications to patients upon report uploads, enhancing communication efficiency.

WORK EXPERIENCE

Neptrix

Software Engineer Intern

Penang, Malaysia

Mar 2024 - May 2024

- Identified and resolved MES system issues for customers, reducing average support resolution time.
- Collaborated with Senior Engineers to enhance system functionality, incorporating customer feedback into iterative improvements.
- Optimized backend processes, improving system stability and reducing downtime.

Freelance Web Developer

Independent Contractor

Remote

May 2025

- Delivered the initial milestone of a hotel website for a client, converting a provided design slide into a responsive, static one-page layout with multiple sections.
- Integrated key interactive elements including a responsive hamburger menu, a custom image slider to highlight hotel visuals, and an embedded Google Map for enhanced location visibility.
- Built using Nuxt.js and Tailwind CSS, optimized for performance across all device types.
- Successfully completed within 7 days, meeting client expectations and positioning the project for future expansion.

SKILLS & INTERESTS

Skills:

- **Programming Languages:** JavaScript (React, Node.js), SQL, PHP
- **Web Development:** HTML5, CSS3, Bootstrap, Tailwind CSS, Express.js
- **Database Management:** PostgreSQL, MySQL
- **Languages:** English (Fluent), Chinese (Fluent), Malay (Intermediate), Thai (Conversational)

Interests: I have a strong interest in puzzles and watching soccer matches, both of which stimulate my creative thinking and problem-solving skills. These activities challenge me to analyze patterns, strategize effectively, and think critically in enjoyable and engaging ways.