

NG SHEN ZHI

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SUMMARY

Software Engineering student with 1+ year of production web development experience, specializing in React, Next.js, and TypeScript. Proven track record delivering accurate, high-quality web applications in WordPress and modern JavaScript frameworks. Skilled in full stack development, deep learning integration, and mobile application development.

WORK EXPERIENCE

Website Developer

NomiLogic Digital Sdn Bhd

Dec. 2025 - Present

Selangor, Malaysia

- Delivered **12+ pixel-perfect responsive websites** translated from Figma designs, achieving **zero major revision requests** by maintaining close alignment with client specifications.
- Implemented **20+ custom PHP and CSS code snippets** within WordPress to extend platform functionality, **reducing reliance on third-party plugins by ~30%**.
- Resolved **15+ critical layout and script conflicts** through systematic debugging with browser developer tools, reducing page error rates to near zero.
- Organized and sanitized **1,000+ client data records** for seamless platform migration, ensuring **100% data integrity** post-transfer.

Waiter

Nanyang Cafe, Pavilion Elite

Feb. 2023 - Apr. 2023

Kuala Lumpur, Malaysia

- Acquired comprehensive knowledge of **30+ menu items** to deliver accurate, personalized recommendations that improved customer satisfaction.
- Coordinated large group reservations of **up to 20+ guests** with strong attention to accuracy, ensuring seamless dining experiences.
- Maintained **consistent service quality during peak hours** with **100+ covers per shift**, performing efficiently under high-pressure conditions.
- Collaborated with kitchen staff to reduce **average order fulfillment time**, contributing to a smoother overall dining operation.

PROJECTS

Personal Portfolio | Next.js, React, TypeScript, JavaScript, Three.js, Tailwind CSS

July 2025 - Present

A responsive portfolio website with **server-side rendering, optimized SEO**, and interactive 3D elements built with Three.js.

- Achieved fast load times through dynamic content rendering, lazy loading, and Next.js image optimization.

ImgPixel | Python, TypeScript, React, CSS, PyTorch, NumPy, FastAPI

October 2025 - Present

A full-stack **AI-powered background removal tool** using the U²-NET deep learning model served via a FastAPI backend.

- Supports drag-and-drop upload, image comparison slider, multiple export formats and resolutions, reducing manual editing effort.

CurrencyNode | JavaScript, HTML, CSS, Rust, Tauri

Feb. 2026

A lightweight **Windows system tray currency converter** with real-time exchange rates fetched from the Frankfurter API.

- Supports 30+ global currencies, automatic rate refresh every 5 minutes, cross-rate calculation, smart decimal precision control, and persistent dark/light mode.

NeoRCode | Next.js, React, Tailwind CSS, Supabase

August 2025 - Present

A neo-brutalism styled **QR code generator** with persistent link storage backed by Supabase.

- Supports custom logo overlay, color theming, dark mode, and smart filename export for generated QR codes.

Mecle | TypeScript, React, FastAPI, Python, Zustand, GSAP, Tailwind CSS

2025 - Present

A **hyper-realistic 3D word puzzle game** inspired by Wordle, featuring mechanical tile animations and LED feedback indicators.

- Built a 6x5 interactive 3D grid with spring-physics tile flips, dynamic lighting, and a FastAPI backend serving daily and random word challenges.

GeoMark | Flutter, Dart, Firebase, Cloudinary

July 2025 - August 2025

A cross-platform mobile app using **geofencing and real-time GPS** to fully automate attendance marking.

- Integrated Firebase for real-time data sync and Cloudinary for media storage, with location status push alerts.

EDUCATION

Tunku Abdul Rahman University of Management and Technology

Bachelor of Software Engineering (Honours)

Expected June 2026

Selangor, Malaysia

- **Relevant Coursework:** Data Structures, Algorithms, Object-Oriented Programming (OOP), Cloud Computing, Distributed Systems, Artificial Intelligence (AI), Software Engineering.

SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Python, Rust, Dart, Java, PHP, SQL

Frameworks: React, Next.js, Tailwind CSS, Flutter, Tauri, Three.js, GSAP, Zustand, D3.js

Databases: Firebase, Supabase, Oracle SQL, MySQL, Cloudinary

Tools: Git, Github, VS Code, Android Studio, Wordpress, Elementor, Figma

Languages Spoken: Chinese (Mandarin), English, Cantonese, Malay

CERTIFICATIONS

- **AWS Academy Graduate** – Cloud Architecting / Cloud Foundations / Web App Builder (2025)
- **FreeCodeCamp** – Responsive Web Design / JavaScript Algorithms and Data Structures / Data Visualization (2025)
- **Anthropic** – Introduction to Model Context Protocol (MCP) / AI Fluency Framework & Foundation (2025)
- **Google** – Gemini Certified Educator (2025)