**YONG MING WEI (WAYNEY)**

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LinkedIn: [linkedin.com/in/ymw0331](http://www.linkedin.com/in/ymw0331) • GitHub: [github.com/ymw0331](https://github.com/ymw0331) • Portfolio: [wayney.dev](https://wayney.dev/)

**Malaysian citizen, requires Employment Pass sponsorship**

**PROFILE**

**3x AWS Certified** Full-Stack Software Engineer with **2+ years** building production applications using **React/Next.js**, **TypeScript**, **Node.js**, and **cloud architectures** (AWS, GCP). Experience spans from high-growth fintech startups to enterprise systems, delivering features that directly impact business metrics through systematic problem-solving and cross-functional collaboration.

**PROFESSIONAL EXPERIENCE**

[**Lookcard.io**](https://lookcard.io) (Fintech Startup) — Kuala Lumpur

*Full Stack Software Engineer* • Dec 2024 – Present

* **Built and launched production reseller portal** as **frontend developer** using **Next.js**, **TypeScript**, **Tailwind CSS**, and **ShadCN UI**; delivered responsive B2B platform **serving 30+ active resellers**
* **Implemented AI-powered content automation** using **n8n workflows** integrated with **WordPress**, **web scraping APIs**, and **LLM tools** (ChatGPT, Gemini, **Veo 3** for video generation); streamlined marketing content generation producing **50+ assets, saving ~$5K/month in content creation costs**
* **Developing unified admin portal v2** following full **software development lifecycle (SDLC)** from requirements to deployment; implemented microservices integration patterns as **backend developer** using **Next.js API routes as proxy layer** to consume **10+ backend APIs** under single responsive interface
* **Deployed scalable services** on **AWS App Runner** and **ECS** with automated **CI/CD pipelines** using **GitHub Actions**; demonstrating cloud-native deployment strategies
* **Cross-functional collaboration** with 8-person team including product managers and business stakeholders to define requirements, scope features, and deliver MVP solutions under **Agile methodology**

[**Three Enix Consulting**](https://www.3enix.com/) (Software Agency) — Kuala Lumpur

*Junior Software Developer* • Aug 2023 – Dec 2024

* **Maintained insurance portal** ( [MCIS](https://mcis.my)) serving **hundreds of agents** using **AngularJS/Java Spring** for business-critical operations; handled production issues via Jira tickets with systematic **problem-solving** and debugging
* **Modernized corporate website** ( [INFII](https://infii.io)) as **frontend developer** with **React**, **Bootstrap**, **Apache FreeMarker**, and **Java backend development**; implemented responsive design and UI improvements
* **Developed LMS features** including report generation and analytics modules; handled UAT processes, **testing methodologies**, and **SQL migration** from MySQL to Microsoft SQL Server using **Spring Framework**
* **Built dynamic web applications** using **Magnolia CMS** for enterprise content management; delivered scalable solutions for multiple client projects through **cross-functional collaboration**

**Career Transition** — Self-Directed Learning

*Full Stack Development Bootcamp* • Jan 2023 – June 2023

* **Completed full-stack development training** through bootcamps, online tutorials, and hands-on projects; built **6+ production-ready MERN applications** from database architecture to responsive frontend
* **Implemented RESTful APIs** and integrated third-party services including payment processing (Stripe/Braintree), cloud storage (AWS S3), and mapping APIs (Google Maps)
* **Deployed scalable applications on AWS** (Elastic Beanstalk, S3, SES) with cloud-native architectures; optimized for performance and cost efficiency
* **Created portfolio website** ( [wayney.dev](https://wayney.dev/)) and contributed to open-source projects on GitHub, building developer community presence

[**Huawei Technologies**](https://www.huawei.com/my/) — Kuala Lumpur

*Assistant Product Engineer (Pre-Sales)* • Sept 2021 – Dec 2022

Asia Pacific Carrier Service and Software Department

* **Analyzed customer requirements** and business environment to develop technical solutions and value propositions for enterprise clients across APAC region
* **Created technical documentation** including **BOM/BOQ**, solution designs, and managed **RFQ/RFP** responses with pre-sale testing
* **Engaged stakeholders** across product, engineering, service delivery, and assurance teams to support solutions from order to delivery
* **Delivered formal technical proposals** and solution presentations to key stakeholders; coordinated with Product Management for roadmap implementation
* Received **Galloping Horse Award** (March 2022); **TMForum Certified**

[**DKSH CSSC**](https://www.dksh.com/global-en/home) — Kuala Lumpur

*DevOps Intern* • Oct 2020 – Jan 2021

* **Implemented CI/CD proof-of-concept** for mobile **software development lifecycle** improving team efficiency
* **Created automated test scripts** and **unit testing** frameworks using **Micro Focus UFT**, **Katalon Studio**, **Azure DevOps**, **Appium**, and **Selenium**
* **Established staging environment** and integrated **Jenkins** with **Katalon Studio** on **Azure** infrastructure through **cross-functional collaboration**

**TECHNICAL SKILLS**

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| --- | --- |
| **Category** | **Technologies** |
|  |  |
| **Frontend** | React, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, ShadCN UI, Bootstrap, Material-UI, AngularJS |
| **Backend & APIs** | Node.js, Java, Spring Boot, REST APIs, Microservices Integration, Express.js |
| **Cloud & DevOps** | AWS (App Runner, ECS, S3, Elastic Beanstalk), GCP, Cloudflare, GitHub Actions CI/CD, Azure, Jenkins, Docker, Terraform |
| **Databases** | MongoDB, MongoDB Atlas, PostgreSQL, MySQL, Microsoft SQL Server |
| **AI & Automation** | n8n workflows, LLM integration (ChatGPT/Gemini), Veo 3, Web scraping APIs, WordPress automation |
| **Testing & Tools** | Git, Jira, Agile/Scrum, Unit Testing, Test-Driven Development, Katalon Studio, Selenium, Appium, Micro Focus UFT, Azure DevOps, Magnolia CMS |
| **Methodologies** | Software Development Lifecycle (SDLC), Agile Methodology, Cross-functional Collaboration, Problem-solving |

**KEY PROJECTS**

**E-CommerceHub** — Full-stack e-commerce platform with **MERN stack**, **Stripe/Braintree payments**, JWT auth, and admin dashboard.

[Live Demo](https://wayneyong-mern-ecommerce.netlify.app/) • [GitHub](https://github.com/ymw0331/e-commercehub)

**My Estate Place** — Property marketplace using **AWS S3/SES**, **Google Maps API**, and **MongoDB** for listings and search.

[Live Demo](https://wayney-realist-platform.netlify.app/) • [GitHub](https://github.com/ymw0331/my-estate-place)

**JS-Note** — Browser-based **React/TypeScript** code editor with real-time execution. Published as **NPM package**.

[NPM](https://www.npmjs.com/package/jsnote-ymw) • [GitHub](https://github.com/ymw0331/react-typescript-code-editor)

**Sync Room** — Real-time chat using **Node.js/Socket.io**. Deployed on **AWS Elastic Beanstalk**.

[Live Demo](http://wayney-real-time-chatroom-node-app-dev.ap-southeast-1.elasticbeanstalk.com/) • [GitHub](https://github.com/ymw0331/sync-room)

**Cloud Migration Project** (Freelance June 2025) - Singapore SME

Led server migration from legacy infrastructure to **Google Cloud Platform**; implemented **Cloudflare** for CDN optimization and traffic management; configured **DNS management** and **SSL automation** with minimal downtime.

**CERTIFICATIONS & EDUCATION**

**Certifications:**

**Cloud & DevOps:** [AWS Solutions Architect Associate](https://www.credly.com/badges/ef3359c5-ba06-4761-affa-ca25d4939cee), [AWS Developer Associate](https://www.credly.com/earner/earned/badge/1c60537d-1c38-40b8-ae51-1f43739b80b6), [AWS Cloud Practitioner](https://www.credly.com/earner/earned/badge/992d5c99-2467-4325-810b-f38334ed6c39), [DevOps Terraform](https://www.udemy.com/certificate/UC-c18679cf-02b1-4c45-aa5f-7e56dc887b20/)

**Full-Stack Development:** [React Developer (Redux, Hooks, GraphQL)](https://www.udemy.com/certificate/UC-56aa1bce-bcae-4762-b018-70edacb4d238/), [Node.js Developer](https://www.udemy.com/certificate/UC-362bad7a-325b-4bcc-8834-9da35dafa610/), [Java EE 8](https://www.udemy.com/certificate/UC-f484706d-ba89-46fd-999f-9180f7679a0c/), [API Development](https://www.udemy.com/certificate/UC-e17d8198-eff9-404f-ba38-11ec3fca2a9b/)

**Education:** Bachelor of Information Systems (Hons), Universiti Tunku Abdul Rahman (2022)

*Seeking opportunities with modern tech companies building innovative products. Malaysian national, open to relocation with sponsorship.*