

# YONG MING WEI (WAYNE)

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## JUNIOR FULL-STACK DEVELOPER

### PROFILE

Motivated and dedicated Information Systems Engineering graduate with a strong passion for software development. Demonstrates expertise in **full stack development**, including **front-end** and **back-end** technologies. Proficient in various frameworks, languages, and cloud technologies such as **MERN stack**, **AWS**, and **Azure**. Completed a comprehensive Udemy bootcamp in **Full Stack Web Development** and holds certifications in **AWS Cloud Practitioner** and **Developer Associate**. Showcased skills through successful completion of diverse projects encompassing **web development**, **mobile applications**, and **automation testing**. Seeking opportunities as an entry-level **Full Stack Web Developer** or **Cloud Engineer** to contribute to innovative projects. Open to exploring new challenges, learning new technologies, and expanding my skill set. Eager to contribute my knowledge and expertise to a dynamic team and create impactful solutions. Open to securing appropriate **work visa sponsorship**.

**Competencies:** Full Stack Web Development | Cloud Technologies | Mobile Development | Automation Testing | CICD/DevOps Integration | Documentation | Software Development Lifecycle | Problem Solving | Team Collaboration | Solution Presentations

### EXPERIENCES

#### Jan 2023 – June 2023: Self-taught Full Stack Web Developer

- Independently acquired in-demand skills in **Full Stack Web Development** through **online bootcamps**, **tutorials**, and **self-study**.
- Demonstrated proficiency in building **end-to-end web applications** using the **MERN stack** (MongoDB, Express.js, React, Node.js).
- Applied knowledge of **HTML**, **CSS**, **JavaScript**, and modern frameworks (such as **React**) to create **responsive** and **interactive user interfaces**.
- Utilized **RESTful APIs** and integrated various **third-party libraries** to enhance functionality and improve user experience.
- Developed and deployed **multiple projects**, showcasing mastery of concepts like **database management**, **server-side programming**, and **front-end design**.
- Actively contribute to **open-source projects** on **GitHub**, continually enhancing personal coding skills and showcasing projects to the developer community.
- Leveraged **AWS Cloud technologies** to deploy and host applications, ensuring **scalability** and **high availability**.
- Created and maintained a **personal portfolio website** to showcase projects, skills, and accomplishments in web development.
- Continuously expanded knowledge through ongoing learning and exploration of new tools, frameworks, and industry trends.

#### Sept 2021 – Nov 2022: Huawei Technologies, Kuala Lumpur, as Solutions Pre-Sales Engineer

- Assigned to Asia Pacific Carrier Service and Software Department.
- Collaborated closely with the **account team** to **analyze customer requirements**, assess the **business environment**, and strategize **project win strategies** and **value propositions** for proposals.
- Engaged internal stakeholders, such as **product**, **engineering**, **service delivery**, and **assurance teams**, to ensure comprehensive support for the proposed solution from **order to delivery**.
- Supported **presales efforts**, including **solution design**, **request for quotation (RFQ)**, **bill of quantities (BOQ)**, **pre-sale testing**, and extensive customer-centric communication to drive business success.
- Produced and delivered **formal technical proposals** and **solution presentations** to key customers.
- Identified crucial **customer requirements** and **coordinated** with **Product Management** and Solution Teams to ensure seamless implementation in the product roadmap.

#### Achievements:

- Received the Galloping Horse Award (March 2022).
- Earned TMForum certifications.

#### Oct 2020 – Jan 2021: DKSH CSSC, Kuala Lumpur as Intern, Technical Delivery – Mobile Development

- Collaborated with the team to initiate the implementation of a proof of concept (POC) for integrating **CICD/DevOps** into the mobile development life cycle, providing valuable insights and support throughout the process.
- Utilized **Micro Focus UFT**, **Katalon Studio**, **Azure DevOps**, and automation frameworks like **Appium** and **Selenium** to create and execute robust test scripts, ensuring application quality.
- Supported the establishment of a staging environment and the integration of **Jenkins** with **Katalon Studio** on an **Azure cloud server**, facilitating defect detection and contributing to improvements in app performance.
- Contributed to the creation and updating of relevant documentation, ensuring accurate records of automation testing efforts and providing valuable insights for future implementation.

### SKILLS

Front-end:	HTML, CSS, Sass, JavaScript, React, Bootstrap, MUI, AntD
Back-end:	Node.js, Java, C#, SpringBoot, Dotnet
Language:	JavaScript, TypeScript, Java, C#, Kotlin
Database:	MongoDB, MySQL, PostgreSQL

**Cloud/DevOps:**  
**Automation Test:**  
**Soft-skills**

AWS, Azure, GCP, Jenkins, Terraform, Git  
Selenium, Appium, Katalon, UFT, Jest  
Problem-solving, Collaboration, Communication, Continuous Learning

## MAJOR PROJECTS

### Vanilla JS 20 Projects

- This repository features 20 diverse vanilla JavaScript projects, each containing its own folder with HTML, CSS, and JavaScript files. These projects were designed to enhance and showcase developers' JavaScript skills by exploring various aspects of the language. **Links:** [Github](#)

### Sync Room

- Developed a real-time chatroom web application using Node.js, Socket.io, and Express. The application is hosted on AWS Elastic Beanstalk, providing seamless communication between users. This project highlights my expertise in building responsive and interactive chat applications. **Links:** [Github](#) | [Project](#)

### E-CommerceHub

- Created an e-commerce MERN web app with comprehensive functionality, including CRUD operations for products and categories, image uploading, advanced searching, and sorting. Implemented additional features such as user cart and order history, admin dashboards, and integration with the Braintree payment system. This project demonstrates my proficiency in developing robust and user-friendly e-commerce platforms. **Links:** [Github](#) | [Project](#)

### My Estate Place

- Built a full-stack MERN web application for buying, selling, and renting properties. Integrated AWS services like IAM, S3, and SES for secure image and email handling. Leveraged Google Maps and Places APIs to provide enhanced property search functionalities. This project showcases my ability to develop end-to-end solutions for real estate applications. **Links:** [Github](#) | [Project](#)

### Book Me Now

- Developed a MERN web application for a service booking marketplace. Users can buy and sell services or products, with secure payment processing through Stripe. This project exhibits my skills in building scalable and secure platforms for online transactions. **Links:** [Github](#) | [Project](#)

### Code Editor Notebook

- Created an interactive browser-based coding environment using React and TypeScript. The application enables users to write and execute JavaScript code directly in the browser, with advanced features like syntax highlighting, error reporting, and other helpful tools. This project highlights my expertise in building developer tools and improving the coding experience. **Links:** [Github](#) | [Project](#)

### My Portfolio

- Designed and developed a portfolio website to showcase my experience, education, skill sets, projects, certifications, and achievements. The website serves as a comprehensive representation of my professional profile and demonstrates my proficiency in web development and design. **Links:** [Github](#) | [Project](#)

### Others @ Github

- Additional small and medium-level projects are available on my GitHub account, totaling 30+ repositories. Please visit my GitHub profile to explore more projects and code samples. [Click here](#).

## EDUCATION CREDENTIALS

- Bachelor of Information Systems (Honours) Information Systems Engineering**, from Universiti Tunku Abdul Rahman ([UTAR](#)), Kampar, Malaysia in March 2022 with a CGPA of 3.029.

**FYP (2020-2021):** Public Transit Navigation via Augmented Reality – Android mobile application that provides users with public transit navigation and navigates users via AR interfaces.

**Technologies Used:** Android Jetpack Libraries, Google Maps API (Directions), ArcGIS Maps SDK, Places SDK, and AR Core

## CERTIFICATIONS

### Web Development

[Udemy - Java Web Development /Java EE 8 \(Servlet, JSP, MVC, Maven\)](#)  
[Udemy - Complete SQL and Databases Bootcamp: Zero to Mastery](#)  
[Udemy - Complete React Developer in 2023 \(w/ Redux, Hooks, GraphQL\)](#)  
[Udemy - ES6 JavaScript: The Complete Developer's Guide](#)  
[Udemy - The Complete Node.js Developer Course \(3rd Edition\)](#)

### Mobile Development

[Udemy - Android Development 2021 Practice Guide - Real World Apps](#)  
[Udemy - Android Jetpack Masterclass in Java](#)  
[Udemy - Google Maps SDK for Android with Kotlin](#)

### API and Web Services

[Udemy - API and Web Service Introduction](#)

### DevOps

[Udemy - DevOps Bootcamp: Terraform](#)

### Cloud Computing

[AWS Certified Cloud Practitioner](#)  
[AWS Certified Developer - Associate](#)

### TMForum Certifications

[TMForum Application Framework \(TAM\) Foundation Level](#)  
[TMForum Digital Business Ecosystems Foundation Level](#)  
[TMForum Frameworx Foundation Level](#)  
[TMForum Information Framework \(SID\) Foundation Level](#)  
[TMForum Open API Foundation Level](#)

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