

Koo Wei Jie's profile

Bachelor's degree graduate in Information Technology at HELP University with study abroad experience in Germany for Bachelor Electronic and Information Technology. Worked on modern web development technology as personal projects with frameworks and stacks such as **NextJS**, **ReactJS**, **Angular** and many more. Current real work experiences with programming language involved are **PHP**, **Java** and **.NET**

Personal Info

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LinkedIn

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Work Experience

2023/05 - **Quality Assurance**
Present *Envision Digital Technologies Sdn Bhd, Bangsar South, Kuala Lumpur*

Key Qualifications & Responsibilities

- Finding **UI/UX** bugs by comparing design layout and staging assets. ie. using given Figma designs to differentiate UI error or missing **UX** designs
- Writing test cases for both positive and negative scenarios. ie. Updating log and task on **JIRA**, providing steps to replicate bugs with screenshots and video as reference
- Finding critical functional bugs by experimenting input exploitation and other brute force methods. ie. Brute force methods include inputting wrong data type, interruption when **UI** is loading or in animation to trigger possible errors.
- Researching and developing automation for end user testing. ie. Current testing involving web and mobile application, by researching development tools with any given framework to implement automation scripts with web browser driver/ mobile OS compatibility.

2022/06 - **Software Developer**
2023/05 *Envision Digital Technologies Sdn Bhd, Bangsar South, Kuala Lumpur*

Key Qualifications & Responsibilities

- Maintaining back office functionality with bug fixes or improving features based on client requests. ie. Saving user settings with session storage and cookies, fixing date format calendar library by analyzing existing code. Additional language translation by following **i18n** standard with data input to database and **Redis** cache.
- Create additional **RESTful API** with **PHP**, managing **Redis**. Additional **CRUD** services for new features with validation and verification for each **API** call, **Redis** storage management with experience in cronjob.

Updating DB and **syncing** with **Redis** with **PHP cronjob**.

- Fixing bugs related to microservices and **UI**. ie. Finding errors in data type retrieval from **SQL** queries, formatting with **JSON** and data validation, improving UI functionality with **Javascript** and **jQuery** by adding modal windows, format output such as currencies, date, language etc.
- Appointed as team lead for maintaining and improving admin site. ie. Suggesting good design in displaying tables with **jQuery** and **CSS**.
- Building new features for the admin use case. ie. Using **Javascript** to filter options based on currencies and categories, using javascript and backend **API (PHP)** to validate **JSON** format when creating a new object.
- Testing random number generator using **.NET** framework. ie. Implementing Fortuna Cryptography library to generate random seed and compare with **.NET** built-in random function by using standard deviation.

2021/05–
2021/08 **Internship as programmer/cybersecurity student**
CSP Global Technologies Sdn Bhd, Mont Kiara, Kuala Lumpur

Key Qualifications & Responsibilities

- Analyze endpoint IT security technologies
- Compare different IT security technologies solutions and features
- Light modification on company landing page
(<https://lifecycle.cspglobal.com/support/home>)
- Reports compilation, writing email to other business representative to address issues on landing page customization

2019/02 **Printing workshop worker**
– *Cityhom Services, George Town, Penang, Malaysia*

2019/03 **Key Qualifications & Responsibilities**

- Applied glue and stacking prayer papers
- Cutting dimension for offering papers


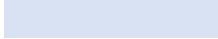
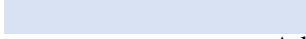

2019/01 **Insurance office assistant**
– *Wisma Prudential Insurance Office, Pulau Tikus, Penang, Malaysia*

Key Qualifications & Responsibilities

- Running errands for customer payment
 - Collecting insurance fees from high school students (Chung Ling High School)
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- Office decoration for Chinese New Year festival
- Writing meeting minutes
- Light excel financing for agents' weekly performance report
- Preparing Powerpoint presentation for meeting

Language

English		Excellent
Malay		Intermediate
Chinese/Mandarin		Advanced
German		Beginner

Education

Skills

2019/05	Bachelor of Information Technology	Academic Writing	
–	<i>HELP University, Kuala Lumpur, Malaysia</i>		
2022/05	Relevant Coursework: Introduction to Programming [Python], Object-Oriented Programming (OOP) [Java], Web Programming [HTML, CSS, JavaScript, PHP, TypeScript, NodeJS, AngularJS, MongoDB, Express], Mobile App Development [Xamarin, C#], User Experience Design, Version Control [GitHub], Project Management Tools [Gantt Chart], System Architecture and Design.	Coding	Intermediate
	Expected Graduation: 2022	Project Management	Excellent
		Design & Prototyping	Advanced
			Advanced
2017/03	Bachelor of Engineering (HONS) Electrical and Electronics [Incomplete]		
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2018/03	<i>Tunku Abdul Rahman University College, Kuala Lumpur, Malaysia</i>		
	Relevant Coursework: Programming for Engineering [C++], Engineering Drawing [AutoCAD], Microprocessor Systems [Assembly Language], Digital Logic Design, Project Management for Engineers.		
2015/10	Bachelor of Electronic and Information Technology [Incomplete]		
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2017/01	<i>University of Landshut, Bavaria, Germany</i>		
	Relevant Coursework: General Purpose Programming [C], Numeric Computing [Matlab], Technical Mechanics.		

Awards/Honors and Certifications

2019/11	Oracle Database iLearning Certificate
2015/02	Pre-Study Practical Experience (Vorpraktikum)
2012/07	Certificate of Participation, Taylor's Engineering Competition

- 2012/04 Judo Yellow Belt Senior (Kuala Lumpur Judo Academy)
- 2007/04 Certificate of Achievement, Intermediate Swimming Courses (Water Splash Swimming Academy)

Link to certificates and GPA/CGPA:

<https://drive.google.com/drive/folders/10r8e-zUTek6OGhKfHiTLwNvAom59-bjX?usp=sharing>

