

# Wan Siew Yik



📍 Singapore

☎ + (65) 9122 2187

✉ [siewyik85@hotmail.com](mailto:siewyik85@hotmail.com)

📜 CompTIA Security+

- 7 years experience in web application development especially in back-end API services.
- Familiar with .NET core, MySQL, PostgreSQL, Python, REST API.
- Familiar with PowerShell, Bash, .
- Lead a team of 4 developers on software development, providing guidance, mentorship, and driving decision-making throughout the project life cycle.
- Strong communication and problem-solving skills to ensure software development are effective and efficient
- Passionate about continuous learning and enthusiastic about exploring new technologies.
- Strong passion for cybersecurity and completed 6 months of intensive vocational cybersecurity training to prepare myself.

## Experiences

### Senior Software Engineer | Kraken IT Pte Ltd, Singapore

July 2022 — Present

*Tech: Vue 3, Laravel 9, PostgreSQL, REST API, Nuxt JS, Docker, AWS*

#### Responsibility

- Design and develop database and API functions related to the content management system and discover the format of data that is present on the front end.
- Gather and analyze client's feedback and requirements, suggest solutions, and provide development timeline. Create tickets and distribute them to other developers.

#### Achievements

- Implementing a logging mechanism that allowed the team to track and resolve issues improved 80% team performance.
- Identified longer processing time caused by all transactions processed by a single message queue. Separate transactions based on currency improved by more than 70% performance.
- Took responsibility for gathering and analyzing client's requirements to improve the efficiency of the development process.

---

### Web Developer | [Digifiv Solution Sdn Bhd](#), Kuala Lumpur, Malaysia

Feb 2021 — May 2022

*Tech: .NET Core 5, MySQL, REST API, Vue 3, Python, Docker, Domain Driven Design*

#### Responsibility

- Design and develop database, and software architecture related to B2B e-commerce web applications written in .NET core 5 and MySQL.
- Co-worked with cross-function team to coordinate and solve product quality issues, including DB structure discussion, product quantity insufficient issue, etc.

#### Achievements

- Set up the development environment and workflow for the project, introduce GitHub branching strategy, deployment standards, coding standards, etc.
- Create an API template that includes required packages like authentication mechanisms, middleware, Swagger, etc. Allowed team members to quickly spin up new API services without redundant setup efforts.
- Lead a team of 4 developers on software development, providing guidance, mentorship, and

driving decision-making throughout the project life cycle.

---

## Software Engineer | Maja Solution Sdn Bhd, Petaling Jaya, Malaysia

June 2019 — Oct 2020

*Tech: .NET Core 3, MySQL, REST API, Vue 2, Python, Docker*

### Responsibility

- Design and develop a Payment Gateway Aggregator service that integrates multiple payment gateway providers and offers payment services to various merchants.
- Responsible for 24/7 standby support to resolve critical production issues.

### Achievements

- Delivered Payment Gateway Aggregator System within 2.5 months.
- Migrate a resource-intensive data analysis process to Python automation script, improving system performance by at least 60%.

---

## Software Engineer | Nettium Sdn Bhd, Kuala Lumpur, Malaysia

Feb 2017 — Feb 2019

*Tech: .NET Framework, SQL Server, REST API*

---

## Projects

- **B2B E-commerce platform:** A platform for business users to purchase digital gift cards and sold to their clients.
- **Payment Gateway Aggregator Service:** A single payment gateway connected to multiple payment solutions. Included a back office for payment limit configuration.
- **Azure SIEM Honeypot:** Set up an Azure SIEM that aggregates logs and detects intruders from which country based on the IP addresses.
- **ELK stack server:** Set up an ELK SIEM that aggregates logs with an Elastic alert to detect any brute force attempt.
- **CSIT SE Mini Challenge 2024:** CSIT SE Challenge 2024 requires downloading and sanitizing a corrupted data set, and then sorting out the top 10 restaurants from the data set.

<h3>Skills</h3> <ul style="list-style-type: none"><li>• SDLC</li><li>• REST API</li><li>• Docker</li><li>• MySql</li><li>• PostgreSQL</li><li>• MongoDB</li><li>• .Net Core</li><li>• PHP</li><li>• Python</li><li>• Bash</li><li>• PowerShell</li><li>• SIEM</li><li>• Kubernetes</li></ul>	<h3>Education</h3> <ul style="list-style-type: none"><li>• Cybersecurity Vocational Training Programme, Centre for Cybersecurity Institute<ul style="list-style-type: none"><li>◦ May 2024 — Nov 2024</li></ul></li><li>• Bachelor of Information Technology: Software Systems Development, Tunku Abdul Rahman University College<ul style="list-style-type: none"><li>◦ May 2013 — May 2017</li></ul></li></ul> <h3>Certificate</h3> <ul style="list-style-type: none"><li>• CompTIA Security+<ul style="list-style-type: none"><li>◦ Valid from: Oct 2023 — Oct 2026</li></ul></li></ul>
--	--