

Wan Siew Yik



📍 Singapore

☎ + (65) 9122 2187

✉ siewyik85@hotmail.com

📜 CompTIA Security+

- 8 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 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 — March 2025

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.

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 software architecture related to B2B e-commerce web applications.
- Co-worked with cross-function team to coordinate and solve product quality issues, including DB structure discussion, product quantity insufficient issue, etc.
- Set up the development environment such as GitHub branching strategy, deployment standards, coding standards, etc, to ensure clean and maintainable code .

Achievements

- Create an API template that included necessary packages eliminated redundant setup efforts and reduced the time needed to spin up new API services by at least 70%.
 - Lead a team of 4 developers on software development, providing guidance, mentorship, and driving decision-making throughout the project life cycle.
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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 70%.

Software Engineer | [Nettium Sdn Bhd](#), Kuala Lumpur, Malaysia

Feb 2017 — Feb 2019

Tech: .NET Framework, ASP.NET MVC, 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.

Skills

- SDLC
- REST API
- Docker
- MySql
- PostgreSQL
- MongoDB
- .Net Core
- PHP
- Python
- Bash
- PowerShell
- SIEM
- Kubernetes
- GitHub
- AWS
- Azure

Education

- Cybersecurity Vocational Training Programme, Centre for Cybersecurity Institute
 - May 2024 — Nov 2024
- Bachelor of Information Technology: Software Systems Development, Tunku Abdul Rahman University College
 - May 2013 — May 2017

Certificate

- CompTIA Security+
 - Valid from: Oct 2023 — Oct 2026