



Terrence Siow
Solution Engineer






Contact

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Languages

- English
- Mandarin
- Bahasa

Hobbies

-  Movies
-  Travel
-  Games
-  Music
-  Reading

Terrence Siow

OSS Engineer

Profile

Results-driven Solution Engineer with a strong focus on automation, scalable architecture, and cross-functional collaboration. Demonstrated success in reducing operational overhead through the implementation of modern DevOps practices and the development of efficient frontend and backend systems. Proficient in Go, .NET, Python, and Java, with hands-on experience building robust, API-centric platforms that address complex business and technical challenges.

Work Experiance

Solution Engineer JUN 2021 - Current
TIME dotCom Berhad / Malaysia

- Implement automation process and success to reduce 80% of the human workload.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
- Design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Developed robust, scalable, modular and API-centric infrastructures.
- Collaborated with management, internal and development partners regarding software application design status and project progress
- Transitioned to GIT version control and pair programming to raise speed 30%.
- Introduced and prepared coding standard documentation to division to enhance product development.
- Monitored automated build and continuous software integration process to drive build/release failure resolution.
- Worked with cross-functional design teams to create software solutions that improved overall functionality and performance.
- Built automation tools and applications to deploy next-generation platforms.
- Researched and identified new technologies to use in agile development environment.
- Documented project design for reference and future use cases.

Software Engineer FEB 2021 - JUN 2021
Vigorish Sdn Bhd / Malaysia

- Compile, manage and document user requirements then transform into functional requirements.
- Participated in software field testing to verify in-situ performance of developed projects.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Gathered and defined customer requirements to develop clear specifications for project plans.
- Assisting team with development of web-based applications in agile environment.
- Maintained existing applications and designed and delivered new applications.

Software Engineer DEC 2018- NOV 2020
V-Series International Sdn Bhd / Malaysia

- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
- Discussed project progress with customers, collected feedback on different stages and directly addressed concerns.
- Analyzed proposed technical solutions based on customer requirements, budget and product goal.
- Revised, modularized and updated old code bases to modern development standards, reducing operating costs and improving functionality.
- Kept abreast of emerging technologies, software and trends and applied them to projects.

Junior Developer(Internship) AUG 2018- DEC 2018
Fusionex / Malaysia

- Consistently met deadlines and requirements for all production work orders.
- Oversaw troubleshooting of technical issues to solve problems within a reasonable time frame.
- Designed, implemented and monitored the system for continuous improvement in a fast-paced environment.
- Orchestrated efficient large-scale software deployments.
- Adjusted software parameters to boost performance and incorporate new features.

Education

JAN 2015 - DEC 2018 Bachelor of Science, Computer Science INTI International University, Nilai	JAN 2012 - DEC 2014 PMR & SPM SMK Methodist, Banting
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Certification

Microsoft Certified Azure AI Fundamentals

- Issued on 24 August 2021.
- Issued by Microsoft.
- Credential ID H947-6746.

PCAP – Certified Associate in Python Programming

- Issued on 23 March 2022.
- Issued by Python Institute.

DevOps Foundation

- Issued on 25 August 2022.
- Expires on 25 Aug 2024.
- Issued by DevOps Institute.
- Credential ID 23512279.

Skills

Go	<div></div>	PHP	<div></div>
Javascript	<div></div>	.NET	<div></div>
Typecript	<div></div>	XML	<div></div>
Python	<div></div>	SQL Database	<div></div>
JSON	<div></div>	LINUX	<div></div>
Git	<div></div>		