



Lim Soong Xian

Software Engineer

Full Stack Software Engineer
Back-end Software Engineer

WORK EXPERIENCE

Production Support Developer

Jun 2024 - Current

FNZ / Kuala Lumpur, Malaysia

- Responsible for maintaining and provide support CFS Edge, FNZ's web-based application.
- Provided support and troubleshooting for .NET web-based applications.
- Performed optimizations and debugging of SQL queries to resolve bugs.
- Created stored procedures by tailoring to clients' request for automation.
- Involved in daily monitoring of the performance of the system.

R&D Engineer, Software 1

Feb 2023 – Jun 2024

Keysight Technologies Malaysia / Penang, Malaysia

- Responsible for managing all DDR related application for Keysight's desktop-based application using C# and XML programming language.
- Utilized expertise in C# to effectively resolve and close over 30 published backend software defects listed in Jira.
- Applied C# to transform WinForms GUI of legacy software from static to dynamic, reducing window scaling issues by 90%.
- Involved with resolving over 10 wrongly implemented XML issues, effectively eliminating transporting data issue listed in Jira.
- Created Python scripts for automation with ChatGPT, resulting in reduction of manual labour hours by 50% in efficiency.
- Submitted various Jira issues with clear steps and replication files, enhancing issue comprehension and contributing to an average 20% decrease in issue resolution time.
- Authored tutorials on the Confluence page, fostering the understanding of a new topic and promoting knowledge sharing within the team.

Software Solutions Engineer - Intern

Aug 2022 - Jan 2023

Agilent Technologies LDA Malaysia / Penang, Malaysia

- Designed and developed a web-based application for the production site using React.js and C#, streamlining operations by automating tasks assignments and providing a centralized database using MSSQL for efficient record-keeping.
- Collaborated with production teams to align software requirements and system enhancements, ensuring the applications meet the objective.
- Conducted rigorous manual performance testing, guaranteeing the usability of the application before each deployment.

CONTACT



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Kuala Lumpur

SKILLS

Technical

- .NET Framework
- Bitbucket
- C#
- CSS
- Git
- HTML
- InstallShield
- Java
- JavaScript
- Jenkins
- Jira
- Microsoft SQL Server
- MySQL
- Python
- React.js

Professional

- Ambitious
- Confidence
- Motivated
- Organized

Education

Bachelor of Computer Science (Software Engineering)

2019 – 2023

Universiti Malaysia Terengganu

CGPA: 3.91

D9050LDDC LPDDR5 v2.10.0.0

Keysight Technologies Malaysia / Penang, Malaysia

- Utilized C# as the main language for resolving the issues occurred in the application.
- Conducted root cause analysis to rectify multiple defects inherited from the previous system, ensuring the operational integrity of the updated version.
- Utilized Jira as a comprehensive tool to document and communicate identified defects, ensuring a streamlined resolution process and team-wide awareness.
- Applied Jenkins to automate builds, guaranteeing a seamless and error-free deployment of the enhanced system.

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Keysight Technologies Malaysia / Penang, Malaysia

- Utilized C# as the main language for resolving the issues occurred in the application.
- Identified and fixed various defects from the previous system by conducting root cause analysis to ensure the functionality of the updated version.
- Utilized Jira to document and communicate identified defects, maintaining clear and organized records for the team's awareness and resolution.
- Leveraged Jenkins for automated builds, ensuring efficient and error-free deployment of the updated system.

Holmat Management System

Agilent Technologies LDA Malaysia / Penang, Malaysia

- Employed React.js in conjunction with the Ant Design Library to craft an intuitive and visually appealing user interface, enhancing user experience and functionalities.
- Implementing a robust backend framework for the system by leveraging C# within the MVC architecture, ensuring efficient data handling and functionalities.
- Collaborated closely with stakeholders in the production site to gather requirements for the in-house management system, ensuring alignment with organizational needs.
- Designed and strategized the database architecture utilizing Microsoft SQL Server, ensuring optimal data organization, retrieval, and system efficiency.

Money Management System

Universiti Malaysia Terengganu / Terengganu, Malaysia

- Used HTML/CSS with bootstrap to create astounding user interface, enhancing user experience and functionalities.
- Implemented an efficient backend framework for the system by using Java with MVC architecture, ensuring efficient data handling and functionalities.
- Created the database to store crucial information with MySQL, ensuring optimal data organization, retrieval, and system efficiency.

- English
- Mandarin
- Malay
- Hokkien
- Cantonese

AWARDS

Best Academic Student Award
Bachelor of Computer Science
(Software Engineering)
Universiti Malaysia Terengganu

Distinction Student Award
Bachelor of Computer Science
(Software Engineering)
Universiti Malaysia Terengganu

Consolation Prize Final Year
Project 2
Universiti Malaysia Terengganu

Best Research Project Faculty of
Ocean Engineering Technology
and Informatics
Universiti Malaysia Terengganu

Best Research Project Bachelor
of Computer Science
(Software Engineering)
Universiti Malaysia Terengganu

Dean List Semester 1 – 6
Universiti Malaysia Terengganu

