**NG MAY LING**

Senior Software Developer



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**EXPERIENCE & ACCOMPLISHMENTS**

INTERN PROGRAMMER & SENIOR SOFTWARE DEVELOPER

2015 – 2020

*TJH Virtual Synergy Sdn. Bhd.* ***│*** *Penang* ***│*** *6 months + 4 years 5 months*

*SEP*

I began a 6 months internship since Feb 2015 before my Degree graduation. During the internship, I was assigned to maintain and enhance existing systems after familiarize with the company coding structure and style. After graduated, I started my full-time position in April 2016. Together with 3-6 team members we worked as a team to develop 2 main web systems of company:

(1) an online Accounting system that enables accountant to process paperless financial documents such as Invoice, Receipt etc., posting account entries and generate accounting reports,

(2) an online Audit system that enables auditor to review companies’ accounts, validate records by carrying out test procedures and deliver a financial report to the client. I was in charge of designing user interface and report module for both projects. Besides, I have developed sub projects independently (*mark with \**) to support the process flow of the main systems.

Malay

Intermediate

Cantonese

Advanced

English

Intermediate

Chinese

Advanced

Creativity

Communication

Time management

Work ethic & respect

Expectation vs Output

Emotional intelligence (EQ)

Focus & attention to details

Willingness to learn

Problem solving & logic

ASP.NET

Adobe Illustrator

Ms PPT

Accounting & Audit

UI/UX

Other tools

Additional knowledges

TFS/DevOps Server

Git

Version control

PostgreSQL

MySQL

SQL Server

Database

Programming

C#

JavaScript

jQuery

Vue.js

HTML

CSS

REST API

JSON

Flutter

Dart

Bootstrap

Java

PHP

VB.NET

Framework

Ms Word

Ms Excel

**TECHNICAL & ESSENTIAL SKILLS**

SIJIL PELAJARAN MALAYSIA (SPM)

2007 – 2011

*Penang Chinese Girls’ High School (PCGHS)* ***│*** *Penang* ***│*** *Grade – 8A*

*DEC*

DIPLOMA IN SCIENCE – INTERNET TECHNOLOGY

2012 – 2014

*Tunku Abdul Rahman College (TARC)* ***│*** *Penang* ***│*** *CGPA – 3.77*

*MAY*

BACHELOR OF INFORMATION TECHNOLOGY – SOFTWARE SYSTEMS DEVELOPMENT

2014 – 2016

*Tunku Abdul Rahman University College (TARUC)* ***│*** *Kuala Lumpur* ***│*** *CGPA – 3.85* ***│*** *Distinction*

*MAY*

SELF LEARNING – Through online courses

Since 2018

*Adobe Illustrator* ***│*** *Flutter with Dart* ***│*** *Vue.js* ***│*** *Progressive Web Apps (PWA)*

**EDUCATION & DEVELOPMENTS**

**ABOUT ME**

4+ years’ experience in developing software: improve systems to provide higher usability, work well in a fast-paced and ever-changing environment. A goal-oriented person in both work and life. In action to achieve personal life goal –– own a garden home with a few golden retrievers & to travel around different countries and live abroad for months.

*ADDITIONAL*

***Main technologies/tools used:***

* ASP.NET, C#, SQL Server, PostgreSQL, Task Scheduler, HTML, CSS, Bootstrap, Ms Power Point, Adobe Illustrator, Canva

***Key Contributions:***

* **Develop and maintain an online tuition center management system** for student registration, schedule timetable, attendance, replacement, payment and reports.
* **Built an online donation management system** for temple donation purpose which includes schedule payment period, receipt entry, outstanding report and SMS reminder.
* **Design brand social media kit** in terms of brand colors & styles, profile images, thumbnails and posts that fit in YouTube, Facebook and Instagram for a friend.

FREELANCE WORKS

***Main technologies/tools used:***

* ASP.NET, C#, Vue.js, JavaScript, jQuery, SQL Server, HTML, CSS, TFS, Trello

***Key Contributions:***

* **Plan and propose system design** of database structure and user interface before development. Superior challenge and give feedback on improvement.
* **\* Develop group outstanding system** to combining multiple invoices issued by different companies but under same group into one PDF consists of client invoices.
* **\* Develop schedule notification system** to remind clients to prepare document before collection by sending emails and SMS. In-house staff uses it to arrange schedules for runner daily collection point.
* **Design and build UI and coding base structure** for Accounting and Audit systems before handover to team members to proceed other modules.
* **Create preview page, filter and export to Excel/PDF function** for Accounting report includes P&L, Balance Sheet, Trial Balance and Ledger.
* **Implement standard upload file function** using jQuery and Generic Handler (ASHX) that allow to upload file format of Image, PDF, Excel, Word and display upload progress.
* **\* Study and develop a mobile app using PWA** technology to provide ease in receiving request notification and uploading documents through mobile camera instead of scanner.
* **Design database structure to enable dynamic configurable settings** for Audit report templates, content display, font size, line-height and visibility.
* **Build an A4-sized report** **print preview** using HTML and CSS and **write algorithms to produce page break** and ‘continued’ keyword in title on new every pagein JavaScript.
* **Implement report navigation** like table content to allow easy navigation through different report types for audit checking purpose.
* **Build machine cross checking algorithms using JavaScript and CSS** which validate figures on the report matching to another. Not tallied items will be highlighted and alert auditor to make relevant changes.

***Main technologies/tools used:***

* VB.NET, SQL Server, Crystal Reports

***Key Contributions:***

* **Plan, develop and maintain a commission scheme program** used to calculate commission details of agents in a firm over periods and generate report using Crystal Reports.

INTERN PROGRAMMER

2014 – 2015

*NL IT Services Sdn. Bhd.* ***│*** *Kuala Lumpur* ***│*** *3 months*

*JAN*

*(Continued)*

2016 – 2020

*SEP*

**EXPERIENCE & ACCOMPLISHMENTS**