Kian Seng Lim

IT Full Stack Developer – 10+ Years Experience

■ Personal Info

Name ：KS LIM

Age ：45

Nationality ：Malaysian（Singapore PR living in Tokyo Japan）

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Creative thinker, passionate programmer, keen learner with 10+ years experience in design and another 12+ years as full stack developer. Created front-end and back-end system as well as database and server management.

■ Education

1997-06 – 1999-07：**Bsc. Hons Mechanical Engineering**

Coventry University United Kingdom

Graduated with First class honor, with my earlier project in algorithm software development to find out the natural frequency from vibration data set using combination of MathLab programming language as base.

■Experience

● 2000-04 – 2004-12：**Product Design Engineer**　NOK Asia Company Singapore

Job Scope	Tools	Output
・Oil Seal Product Design & Dev ・Oil Seal Process Design ・Oil Seal Production Cost Analysis	・AutoCAD ・Inventor ・VBA	・Prepared over 100 2D drawings and 3D models for new and existing product. ・Implemented a new drawing system with VBA, cutting drawing time by 50% ・Successfully resolved over 100 issues in production process

● 2005-01 – 2007-12：**Product Design Engineer**　Japan-NOK Vibration Control Division

Job Scope	Tools	Output
・Damper Product Design ・Damper Process Design ・Damper Quality Test	・SolidWork	・Prepared over 20 2D drawings and 3D models for new and existing product. ・Hand on vulcanization process and prepared work process for it

		・Performed 100 over test on the product static and dynamic properties.

● 2008-01 – 2010-05：**Product Design Engineer**　Thai-NOK Division

Job Scope	Tools	Output
・Damper production cost down project manager ・Design the automation for the production process ・Product design education	・AutoCAD、 ・Inventor、 ・VBA	・Successfully reduced the production cost by 20% via the process automation which cut down the man power in the process ・Trained over 10 local engineer on the design of the product

● 2010-06 – 2011-03：**Tooling Design Engineer**　Japan-NOK Vibration Control Division

Job Scope	Tools	Output
・Design the Production tooling (Jig and Mold) ・Perform the testing on the tooling before go down for production	・Solid Work ・JavaScript, HTML, CSS, PHP, PostgreSQL	・Prepared over 30 pieces of 2D Drawing 3D model of the tooling ・Create a database system to store and manage the tooling information

● 2011-04 – 2020-03：**Production System Engineer**　Japan-NOK Vibration Control Division

Due to the result of the tooling information system performance my job title have been changed from tooling design engineer to production system Engineer

Job Scope	Tools	Output
・Maintaining the tooling system ・Create and maintain the other production system ・Work together with the IT department to support the need of the production system ・The basic work flow of the development: Requirement Definition → Basic Design → Detail Design → Coding → test → release	・Solid Work ・Front-end : 　JavaScript, HTML, CSS 　C# (from 2015) ・Back-end : 　PHP, 　C#(from 2015) ・DB: PostgreSQL ・Server: Apache	・Created 10 over system to support the management on the information flow in the production like dashboard of daily production progress, tooling status, defective status, man power and machine performance tracking system and so on. ・By the importing of the third party library like chart.js and jQuery.js the production input data was able to present in the beautiful chart format in the dashboard

● 2020-04 – 2022-05： **Production System Senior Engineer**　Indonesia-NOK Division

Job Scope	Tools	Output
・Create and Maintain the production system ・Educate the local system engineer on C# and asp.net core MVC framework development skill	・Front-end : 　JavaScript, 　HTML, CSS ・Back-end : 　ASP.NET CORE MVC ・DB: PostgreSQL ・Server: IIS ・Version Control: GIT	・Created 3 system 　・Production Cost Estimation System 　・Project Scheduling Management System 　・Production Information Management System ・Educated one local system engineer on C# language

● 2022-06 – present： **System Engineer**　Tokyo IT Company Japan

Job Scope	Tools
・Maintaining the Hospital information management system	・BitBucket（code Version control） ・JIRA（work control） ・Visual Studio (coding environment) ・Back-end 　・ASP.NET CORE MVC (FrameWork) 　・C# (language) ・Front-end 　・Vue.js 　・Vuetify.js ・PosgreSQL（Database） ・Docker ・Azure

■ Hobby

● Learning new thing（Android、Python…）
● Swimming、water-color drawing

■ Skills

Year of experience ◎ : Over one years ／ ○ : less than a year ／ △ : less than a month

CAD	AutoCAD	◎	Inventor	◎	SolidWork	◎	SolidEdge	△	CadCam	△
OS	Windows	◎	Android	△	IOS	-	Unix	-	Linux	-
	Mac	-	BSD	-	Solaris	-	リアルタイム OS	-		
Language	C 言語	△	Perl	-	Objective-C	-	Kotlin	-		
	C++	△	Ruby	△	Python	△	C#	◎	VBA	◎
	Go 言語	-	JavaScript	◎	CSS	◎	HTML	◎		
	COBOL	-	PL/SQL	-	Android	○	Git	◎		
	Java	○	VB.NET	△	Swift	-				
	PHP	◎	SAS	-						
DataBase	MySQL	○	PostgreSQL	◎	NoSQL	-	SQL Server	-	Access	○
	Oracle	-	Sybase	-	DB2	-	SQLite	△		
FrameWork / Library	Vue.js	○	Vuetify.js	○	ASP.NET CORE MVC	◎	JQuery.js	◎		
	Chart.js	◎	FusionChart.js	○	Enchant.js	○	Bootstrap.js	○		
	Laravel	-	CakePHP	-	Rails	-	Struts	-		
Server	Apache	◎	IIS	○	Nginx	-	Docker	△	Azure	△
	Node.js	○								

■ Languages

英語 (日常会話レベル TOIEC 820)
日本語 (日常会話レベル N2)
中国語 (日常会話レベル)
マレーシア語 (日常会話レベル)

Listening
100
90
80
60
50
40
30
20
10

Typing

Speaking

Writing

Reading