

Full Name : Shim See Kwong  
Age : 43  
Current Job Title : CTO/Senior Full Stack Engineer  
Current Employer : Alpha Red Solution Sdn Bhd  
Current Salary : Basic Salary: 17,500  
Performance Bonus: 2 months  
Expected Salary : 21,000  
Notice Period : 2  
Languages : English, Mandarin, Malay

## Educational Details

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2004 Bachelor's Degree in Computer Science/Information Technology @ Asia Pacific Institute of Information Technology (APIIT)  
Computing major in Internet Technology

2003 Higher Diploma in Engineering (Computer/Telecommunication) @ Asia Pacific Institute of Information Technology (APIIT)  
Major in Software Engineering

## Licenses and Certifications

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Microsoft® Certified Technology Specialist: SQL Server 2005  
Microsoft Specialist: Programming in HTML5 with JavaScript and CSS3  
Microsoft Certified Solutions Developer: Web Applications  
Microsoft® Certified Solutions Associate: Web Applications Charter Member

## Professional Details

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Executive Summary :

- A seasoned Sr. Full Stack Engineer with over 15 years of experience in system implementation and solution development.
- Successfully led teams and managed various projects across industries including Fintech, Trading, Property Management, and Governance Risk Management.
- His expertise spans from project architecture design, infrastructure design, and CI/CD implementation to hands-on coding and troubleshooting.
- Leading a team in the continuous development and support of a ticketing system using technologies such as Dotnet Core C#, VueJS, and MySQL.
- Played a crucial role in enhancing an e-commerce system, focusing on performance tuning, feature implementation, and third-party integrations.
- Successfully managed and implemented features for a property leasing system and a centralized car park system, ensuring high-quality deliverables.
- His leadership extends to guiding junior developers, performing code reviews, and ensuring quality checks.
- Adept at preparing technical documentation and managing resources effectively to meet project deadlines.
- With a strong background in both frontend and backend technologies,

	and passionate about delivering robust and scalable solutions.
	<ul style="list-style-type: none"> <li>Discuss business plan and technology needs in line with bank and technology stands and directions together with the stakeholders</li> </ul>
Personal Traits	<ul style="list-style-type: none"> <li>Experienced Software Engineer with 20+ years of expertise in developing high-performance applications. Skilled in full-stack development, databases, and software design.</li> </ul>
Skill	<ul style="list-style-type: none"> <li>C# (Windows/Web/Windows Services/Console Application),</li> <li>Typescript (Angular JS, NodeJs, ReactJs, NextJs, VueJs, NuxtJs)</li> <li>Database (MSSQL, MySQL, MongoDB)</li> <li>Bootstrap</li> <li>WCF,</li> <li>Rest API,</li> <li>Microsoft Reporting</li> <li>Crystal</li> <li>Cloud Hosting (AWS, Azure, Alicloud, GCP)</li> <li>CI/CD Implementation (Git, Azure Devops)</li> </ul>
Experience in Years	: 20

## Experience Details

Dec 2021 - Present  
(2 Years 6 Months)

### CTO/Sr Full Stack Engineer @ Alpha Red Solution Sdn Bhd

Industry : System implementation and solutioning

Specialization : Design and customise enterprise solutions for clients from end to end including hosting

#### Responsibility:

- Project Handled:

#### **Ticketing system**

##### ■ Description:

- ◆ This is an event ticketing inventory and sales system. Consumers will purchase ticket and make payment through this platform. Consumer will be diverted to payment gateway and make payment. Upon payment successful, a seat and a ticket will be issued to the consumer so that they can utilize it during the event day.

##### ■ Team Size 5

##### ■ Duration On going (new features implementation & support)

##### ■ Languages/Tools Dotnet Core C#, VueJS, MySQL, ACK

##### ■ My Role

- ◆ Leading the team members
- ◆ Trouble shooting
- ◆ Requirements Study
- ◆ System Implementation & Coding
- ◆ Project Architecture Design
- ◆ Infra Architecture Design
- ◆ CI/CD Implementation

#### Achievements:

- Implemented cloud hosting
- Implemented CI/CD pipelines
- Design and implemented company & client infra
- Design and implemented various projects from scratch
- Successfully implemented few projects

Apr 2020 - Dec 2021  
(1 Year 9 Months)

**Reason of leaving:**

- Explore better opportunities

**Senior Full Stack Engineer @ DeepX Technology Sdn Bhd**

Industry : Trading

Specialization : Design and implement system specially for trading purposes

**Responsibility:**

- Project Handled:
  - e-Commerce System**
  - Description:
    - ◆ e-Commerce system is a trading and redemption system where users can redeem or purchase products from the merchants. Basically we are a solutions provider to sell the solutions or host for the partners to run their business.
  - Team Size 10
  - Duration On going (new features implementation & support)
  - Languages/Tools C#, Dotnet Core 3.1, ReactJs, MySql
  - My Role
    - ◆ Performance fine tuning
    - ◆ New features implementation
    - ◆ Solutions advisory
    - ◆ Integration with third party system
    - ◆ Guide the junior

**Achievements:**

- Implemented cloud hosting
- Implemented CI/CD pipelines
- Design and implemented company & client infra
- Design and implemented various projects from scratch
- Successfully implemented few projects

**Reason of leaving:**

- Stake holder shutdown the business

Aug 2018 - Mar 2020  
(1 Year 8 Months)

**Development Team Lead @ Cloud Edge Technology Sdn Bhd**

Industry : Property

Specialization : Provide Leasing, boom gate system, & property sales inventory system

**Responsibility:**

- Project Handled:
  - Property Leasing System**
  - Description:
    - ◆ Property Leasing System is a system where commercial land lord use to manage the tenants relevant information.
    - ◆ Tenant renting information and payment such as rental fees, and utilities fees.
    - ◆ The landlord can draw the leasing area and set the details of each sections including rental fees.
    - ◆ User will set all the leasing policy into the system such as late payment interest, payment grace period and etc.
    - ◆ The system will keep track each tenancy and provide information on available and occupied units.
    - ◆ System will auto generate bill and send it over to tenant every month.

- ◆ Upon payment received, the landlord will record the payment information and generate receipt via the system.
- ◆ The landlord can generate various reports with the system such as, aging report, occupation rates, and profit & loss report.
- Team Size 2
- Duration On going (Support and enhancement)
- Languages/Tools C#, MSSQL, AngularJS, jQuery, Bootstrap, HTML5, Dot net Framework 4.7, Microsoft Reporting
- My Role
  - ◆ To understand the requirements from the Singapore PM team.
  - ◆ To plan and manage the resources and project timeline.
  - ◆ Hands on coding and implement the features based on requirements.
  - ◆ To guide the juniors so that they understand their tasks and able to deliver on time.
  - ◆ To review the juniors code.
  - ◆ Perform quality check and make sure the system works accordingly.
  - ◆ Prepare technical document so that the support team can take over.

### **Centralized Car Park System**

- Description:
  - ◆ Centralized Car Park System is a system where the landlord use to manage the season parking records.
  - ◆ This system will keep track of the season application and renewal of the vehicle owner.
  - ◆ System will generate invoice and bill the tenant based on no. of season attached to the tenant and also will send a renewal notification to the individual season owner to remind them season parking renewal should be made before certain date which has been preset into the system.
  - ◆ The season holder can manage their details and make payment via the system.
  - ◆ At the end of the day, the landlord can generate various reports with the system such as, aging report, occupation rates, and profit & loss report.
- Team Size 2
- Duration On going (Support and enhancement)
- Languages/Tools C#, MSSQL, AngularJS, jQuery, Bootstrap, HTML5, Dot net Framework 4.7, Entity Framework, Crystal Report
- My Role
  - ◆ To understand the requirements from the Singapore PM team.
  - ◆ To plan and manage the resources and project timeline.
  - ◆ Hands on coding and implement the features based on requirements.
  - ◆ To guide the juniors so that they understand their tasks and able to deliver on time.
  - ◆ To review the juniors code.
  - ◆ Perform quality check and make sure the system works accordingly.
  - ◆ Prepare technical document so that the support team can take over.

### **Achievements:**

- Successfully converting the leasing system from C++ windows application to dotnet core web application

**Reason of leaving:**

- Not much growing opportunity as management limit the technology used

Sep 2008 - Aug 2018  
(10 Years)

**Senior Product Development Manager @ Tricor Roots Consulting Sdn Bhd**

Industry : Governance Risk Management (GRC)

Specialization : Providing Risk Governance service and solutions

**Responsibility:**

- Project Handled:
  - **Q-RADR – Corporate Risk & Compliance Management**
  - Description:
    - ◆ Q-RADAR is a Risk & Compliance management system.
    - ◆ Basically this system is used to keep track of the corporate risks.
    - ◆ The risk management department can use this system to keep track on how each department or individual manage and control the risks which may happen during the operations.
    - ◆ Each HOD must take responsibility to control their own department on managing the risks and there are workflow features implemented as well for digital submission and approval.
    - ◆ Same goes for the compliance department, the compliance team will use this system to set the regulations for each department.
    - ◆ At the end of the day, the board members can analyst the corporate status with the data consolidated in the system (Charts, heatmap, and reports), make decision and come out the business plan.
  - Team Size 10
  - Duration On going (Enhancement & New Features Implementation)
  - Languages/Tools C#, MSSQL, jQuery, Bootstrap, HTML5, Dot net Framework 4.7, Microsoft Reporting, Javascript, WCF, AWS (S3 & EC2)
  - My Role
    - ◆ Requirement gathering
    - ◆ To discuss and design the system together with the team
    - ◆ Hands on coding and implement the features based on requirements.
    - ◆ To guide the juniors so that they understand their tasks and able to deliver on time.
    - ◆ To review the juniors code.
    - ◆ Perform quality check and make sure the system works accordingly.
    - ◆ Prepare technical document for future reference
    - ◆ Manage and deploy client application in EC2 instance and store files (e.g. logs, and attachment) in S3 storage
- **Employee Claim System**
  - Description:
    - ◆ Employee Claim System is used to manage the staff claims internally. Each employee will submit their claims through the system and the admin will check the claims and decide whether to approve or reject the claim.
    - ◆ At the end of the month, admin will generate the reports and charge the client if the claims are relevant to the project.
  - Team Size 1

- Duration 2 Months
- Language/Tools C#, MSSQL, jQuery, Bootstrap, HTML5, Dot Net Framework 4.0, Microsoft Reporting, Javascript
- My Role
  - ◆ Requirement gathering
  - ◆ Hands on coding and implement the features based on requirements.
  - ◆ Perform quality check and make sure the system works accordingly.
  - ◆ Prepare technical document for future reference

**Achievements:**

- Building up the team
- Enhance the system based on users requirements
- Analyse user requirements and make it globally use for all the clients
- Upgrading system framework from 1.1 to 8.4

**Reason of leaving:**

- Trying to jump out from comfort zone to learn from others