

## Summary

*Highly skilled and results-driven professional with over 10 years of experience.*

## Personal Particulars

Name: Chew hou ming

Nationality (Singapore)

Age (51)

<https://github.com/houmingc>

NRC (SXXX6135D)

Address: Blk 69, #02-103, Macpherson, S(370069)

HP: 91809942

Availability : immediate

Reasons for leaving: family issue

## Experience

Aug 2022

To 2024 March

### AlpSoft Tech Pte Ltd

Software Engineer

- Design, develop and Collaboration with a team of developers to implement a new database schema that improve query performance by 50% and reduced database size by 20%..
- Write Bash/Powershell scripts and code in PERL.PHP, PYTHON, RUBY and JAVA
- Manage node backend programs to communicate with Frontend Java data
- Update code quality and implement best practices for the need of the projects.
- Support continuous improvement, investigating alternatives and technologies, and presenting for architectural review.
- Created Dockerfiles for building images, automated deployments using Jenkins pipelines, and used Docker Hub for image storage. Integrated the pipeline with Kubernetes for automatic deployment.
- Set up Nginx to balance traffic between Dockerized backend servers, implemented sticky sessions, and optimized Nginx configurations for better performance and security.
- configured Nginx as a reverse proxy to manage traffic for multiple web services running in Docker containers.
- Using Dbeaver to create table. find-tune SQL and database
- Manage backend programs to communicate with frontend Java data

Jan 2021  
To 2022 Aug

**Willowglen Services Pte Ltd**

Software Engineer

- Engineered modern applications with Java, Javascript, SQL server and No SQL
- Built innovative microservices and web Services
- Efficiently deployed and integrated software engineered by team and updated integration/deployment scripts to improve continuous integration practices.
- Liased with Product Managers to identify minimum viable product requirements and clearly defined feature set into well-scoped user stories for individual team members.
- Attend daily standup, sprints planning, sprint review, ensuring scrum framework is effectively implemented.
- Providing updates on sprint progress, managing expectations.
- Work closely with cross functional teams to foster an environment of continuous improvement and high performance.
- Successfully delivered projects on time by managing sprint scope, timelines and deliverables while maintaining product quality.

March 2005  
To 2021 Jan

**ST Electronic Pte Ltd**

Software Engineer

- Collaborate with project teams to design and develop SCADA system tailored to specific industrial processes and requirements.
- Configure, program, and deploy SCADA hardware and software components, including Human Machine Interfaces, Programmable Logic Controller and communication protocol.
- Real-time monitoring, continuously monitor SCADA systems to ensure stability, security and performance of industrial process.
- Network Setup and cyber security for SCADA systems.
- Diagnoses, troubleshoot and maintenance of SCADA system malfunctions and software bugs. Perform routine maintenance, software updates and system backups.
- Hand on experience in working with agile software lifecycle methodologies.
- Used GitHub and Tortoise SVN for source code management and for version control.
- Capable of quickly learning and delivering solutions as an individual and as part of a team.
- Experience working with Agile, Scrum development environment.
- Completed certified Scrum Product Owner certification course (Agil

- Feb 2002  
To 2005 Feb
- Hypercom Pte Ltd**  
Software Engineer
- Developed and implement software of embedded devices and system.
  - Support Software QA and optimize I/O performance.
  - Interface with hardware design and development.
  - Develop, code, test and troubleshoot the system software, review current software systems.
  - Presenting ideas for system improvements, including cost proposals.
  - Writing new software and operating manuals.

## Education

2003-2005

**Bachelor of Arts: Business Administration -  
University of Western Australia**

1998-2001

**Bachelor of Science: Electrical & Electronic Eng-  
University of Leicester, UK**

1992-1995

**Diploma: Electronic & Computing Eng-  
Ngee Ann Polytechnic, Singapore**

## Professional Certification

**Agile (certificate):** Certified Scrum Product Owner, AWS

**Programming Languages:** JavaScript, HTML5, PHP, OOP, CSS, SQL, MySQL, Python, Java, React, Angular, Docker, Docker Compose, Kubernetes, Node.js, Python, MongoDB, Redis.

**Database Languages:** MariaDB

