Industry Experience
Information Software Services
Real Estate

Functional Experience
System Design
System Analysis
Programming

Systems Experience
Java8
EJB
JMS
Design Pattern
UML
C++/C
JSP
JSF
Spring
Hibernate
Struts
Ajax
JavaScript
HTML
CSS

Certifications
Cisco CCNP Certificate
Courses
Cisco CCNA Certificate
Courses
Sun Certified Java Programmer

Education
03/2006 – 11/2007
Queensland University of Technology, Australia
Master, Data Communication

08/1996-03/2000
Queensland University of Technology, Australia
Bachelor, Computer Science

Languages
Mandarin, Taiwanese, Native
English, Fluent

Personal Information
Birthday: Apr. 7, 1976

Michael Wang

Relevant Career Experience:

04/2016 – 11/2016	Wistron ITS 緯創軟體駐點永悅健管 *Java System Architect (Contract)*
01/2016 -- 04/2016	Eastern Integrated Marketing,Inc.東森整合行銷股份有限公司 *Manager*
06/2015 – 01/2016	Wistron ITS 緯創軟體駐點文曄科技 *Java System Architect (Contract)*
07/2014 – 06/2015	CGS 天剛資訊駐點 Nuskin *Senior Java developer (Contract)*
01/2013 – 09/2013	Queensland Tertiary Admissions Centre (QTAC), Australia *Java and C programmer (Contract)*
10/2011 – 12/2012	Australia government, Department of Immigration and Citizenship (DIAC), Australia *Java developer (Contract)*
04/2008 – 09/2011	Yong Real Estate, Australia *IT Manager (Permanent)/ Web Development*
12/2005 – 06/2006	Golden Harbour International, Australia *System & network administrator and IT supports*
09/2004 – 10/2005	Logic Entity Australia, Australia *J2EE Developer*
2002 -- 2004	Freelancer & WorldTop Computer, Australia *Web design freelancer & Computer & network consultant*

Michael Wang

EXPERIENCE

04/2016 – 11/2016   Wistron ITS 緯創軟體駐點永悅健管
Java System Architect (Contract)
<u>**Role:**</u> **SA, SD, PG**
<u>**Project:**</u> 健康管理師，客戶(被照顧者)與醫療體系的資料整合並提供
web 和移動裝置介面的管理系統。

- Systems architect prototyping, web security planning and backend framework design and development.
- Collaborate with client's DBA, BA and front-end developers.
- Oauth2 service customization and server integration.
- Google services integration.
- Angularjs, Jquery and Ajax web development.
- Mentor juniors.
- Design restful APIs, API documentation by Swagger2 (SpringFox) and design UI user flow.
- Hardware architectural system planing (with and without using AWS) and Topology diagram.
- **Skills & Tools: Spring MVC, Spring Data, Spring Security, Spring Oauth2, SpringFox, Spring Boot, Hibernate ehcache, JUNIT, AngularJs, JQuery, Maven, GitHub, Jenkins, Linux, Shell script, AWS: EC2, S3, ELB, RDB, ECS, Mysql,, Oracle, Tomcat, ER diagram, Topology diagram, UML: Component, Activity diagram**

01/2016 -- 04/2016   Eastern Integrated Marketing,Inc.東森整合行銷股份有限公司
Manager
<u>**Role:**</u> **PM, SA**
<u>**Project:**</u> Online to offline 形式的飲食・美容・娛樂・物流類的店商管
理與市場開發系統，並有市場消費者的行動 app。 此系統並與內部
的財政 erp，金流後台，消費點數系統，線上銷售服務系統和大數據
資料服務系統做功能性整合。

- 規劃系統的軟體與硬體架構需求
- 內部系統(金流,ERP,客服,大數據,點數系統)的功能串接與整合, 跨部門溝通協調
- 行銷與銷售的需求訪談,使用者(商家,市場消費者)介面流程設計 規劃
- 製作需求書與 API 規格
- 篩選 審核 管理 App 與 Web 開發承包商
- **Skills & Tools: 系統功能需求分析與規格書製作**
  UML: Use case, Activity diagram, Sequence diagram, Deployment diagram, Java, Android framework, Message push server, Oracle, AWS: EC2, S3, RDS, AZs, CDN, Visio, Words, PowerPoint

06/2015 – 01/2016   Wistron ITS 緯創軟體駐點文曄科技
Java System Architect (Contract)
<u>**Role:**</u> **SD, PG**

- Technologies research, frameworks development and system integration
- SAP and Oracle database integration and business workflow development with IBM BPM system and integration.
- Develop front end using Jquery, Javasecript, Ajax and Bootstrap. SOAP, ZK, JSP server merging/integration.
- Develop new and migrate old batch processes by using Spring batch and Quartz software.
- Produced UML diagram: flow chart, state diagram, class diagram. ER diagram.
- **Skills & Tools: Spring MVC, Security, Data, Spring Batch, Quartz, Hibernate, Junit, Mockito, JSP, JQuery, Bootstrap, WebSocket, ZK, JavaFaclet, SAP, Oracle, Tomcat, Websphere, SOAP AXIS, IBM BPM-business process management, Maven, Jenkins, Ant**

07/2014 – 06/2015   **CGS 天剛資訊駐點 Nuskin**
Senior Java developer (Contract)
Role: SA, SD, PG
Project: SOA migration 移植 ejb2 j2ee 架構下的產品銷售與會員管理系統到 SOA 架構，配合 restful api 再與其他市場銷售系統做移植與整合。 最終運用美方 single sign on 系統而達成與美國和香港全球性的會員與銷售資料整合

- Analyse and migrate a J2EE based e-commerce(sales and membership) system to a SOA (service orientated architect) and restful based e-commerce system.
- Develop a core business framework for the e-commerce system.
- Migrate existing ERP(marketing and promotion) systems to the developed SOA e-commerce system.
- Design and implement single-sign-on for all migrated and developed systems.
- Mentor front-end (AngularJS) developers, and provide business requirements and system technical knowledge.
- Representative of Taiwan development team in gobal weekly meeting.
- Provide functional services to American enterprise integrated portal (CMS) and Hong Kong ERP system
- **Skills & Tools: EJB2, Spring MVC, Spring security, Jersy, Hibernate, iBaitis, Struct, JSP, Jquery, AngularJs, Maven, Tomcat, WebSphere, OC4J**

01/2013 – 09/2013   **Queensland Tertiary Admissions Centre (QTAC), Australia**
Java and C programmer (Contract)
Systems: Online service for all types of tertiary study admissions for all Queensland state universities, TAFE and other tertiary education institutions. Provides online services for Australian and overseas applicants.

- Migrate OASYS system to Java Swing desktop application and maintain C written core business functions.
- Consult with internal staffs, analyse raised issues, develop new functionalities. Change request, defects fixing.
- Maintain OASYS system's Ingres database procedures and Unix shell script.

- Maintain two web applications (Students tertiary study application & Financial and disabilities application) using Strut 2, Spring MVC and Hibernate with Oracle database.

10/2011 – 12/2012   **Australia government, Department of Immigration and Citizenship (DIAC), Australia**
 Java developer (Contract)
Systems: Fully integrated online services for frequently used Australia visa applications, citizenship applications, and applicant related online services.

- Develop a MVC front-end framework and revamp eVisa system's web portal.
- Maintaining front-end(Strut) and back-end systems(J2EE/Hibernate) which include eVisa, eLodgement, eCitizenship, Status Inquiry systems.
- Transfer business knowledge to business analysts and testers.
- Using AXIS to develop SOAP server for Skill Select service system. This system exchanges data with another department's database.
- Maintain two web applications (Students tertiary study application & Financial and disabilities application) using Strut 2, Spring MVC and Hibernate with Oracle database.

04/2008 – 09/2011   **Yong Real Estate, Australia**
 IT Manager (Permanent)/ Web Development
Product: Web portal, ERP system, and franchisee system.

IT Manager
- Planning IT resources to maximize benefits and cater for future needs.
- Administrate head quarter and branches local computer networks (LAN), virtual private networks (VPN), WAN connections and Cisco network equipments.
- Administrate Window2003 servers, email servers, file servers, web servers and office telephone exchange.
- Manage IT infrastructure support team.

Web Development
- Develop the company web portal, which utilizes JSP, Javascript, AJAX, CSS, Struts2 and in-house ORM.
- Develop enterprise resource planning system and databases. The system is a web-based integration for sales, administration and marketing.
- Develop an online franchisee system.

12/2005 – 06/2006   **Golden Harbour International, Australia**
 System & network administrator and IT supports
- Maintain local area network, WINDOW2003 server and Linux server.
- Computer software and hardware support.

09/2004 – 10/2005   **Logic Entity Australia, Australia**
                          J2EE Developer
                          <u>**Product:**</u> Education institutes and training providers web portal in providing online courses and training.

- Provide system design and analyses. Produce User Case, Class Diagram, ER Diagram (UML approach).
- Develop server-side web applications using Java servlet, JSP and Struts framework.
- Maintain Tomcat server in Linux.
- Web user interface development using CSS, HTML and JSP.

2002 -- 2004   **Freelancer & WorldTop Computer, Australia**
                     Web design freelancer & Computer & network consultant

- Developed websites using CSS, HTML, JSP and Servlets, Tomcat.
- On site and in store customer technical assistances for computer networks, hardware and software issues..

TECHNICAL SUMMARY

Programming Languages & Frameworks:
1. Java8, EJB, JMS, Design Pattern, UML, C++/C.
2. Struts, Struts2, JSP, Swing, JSF
3. Spring (SpringData, MVC, Transaction, Aspect, IoC, Security, Batch/Quartz)
4. Hibernate, myBatis, JPA
5. Mockito, JUnit, Selenium, GEB
5. XML/XSL/XSD, XPath, Jasper Report, Apache FOP, SOAP/WSDL
6. Ajax, Javascript, JQuery, AngularJS, WebSocket, HTML, CSS
7. SQL, Unix shell script, Perl

O/Ss, DBs & Servers:
1. Linux, Windows, Window 2003 server, Cisco switch/router IOS
2. Jenkins, Websphere, Jetty, Tomcat, Nginx, Netscalar, AXIS
3. Oracle, Ingres, Mysql, MSSQL
4. AWS infrastructure planing and CDN exposure

IDEs, Version control tools and Bug tracing system
1. GIT, Maven, Jenkins, Ant, SVN, CVS, Clear case
2. Jira, Trello, Slack, HP ppm(project & portfolio management)
3. Eclipse, Netbean, Microsoft Visual Studio

Network and relational database skills:
1. WAN/LAN network knowledge e.g. SMTP/SSL/Tcp/Ip/PPP.
2. Cisco IOS, CCNA/CCNP knowledge.
3. Relational database knowledge & DB design skills. eg. materialize, normalize
4. Window2003 system and network administration