

Cheung Cheuk Him, Ryan

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Skills

Technical Skills:

Operating Systems	Linux, MS Windows, MS Windows Server
Computer Technologies	C, C++, C#.NET, Java, JSP, PHP, ASP, VB, VB.NET, Node.js, AngularJS, React, React Native, Android Development, Ruby on Rails, PowerBuilder, HTML, JavaScript, CSS, jQuery, Ionic, LINQ, Apache HTTP Server, Apache Tomcat, Nginx, MS SharePoint, MS Reporting Service, JasperReports, BIRT, Adobe Flash, Adobe Flex, ActionScript, CHEF
Framework	Spring, Struts, Bootstrap, Laravel, Codeigniter, Zend, Yii, Hibernate, NHibernate, iBATIS, Selenium
DBMS	Oracle, MS SQL Server, MySQL, MongoDB
IDE	Visual Studio, Eclipse, Android Studio, Xcode, iReport
Development Tools	Bower, Composer, Maven, DevExpress, about, DotNetNuke, MODX
Cloud Application Platform	Amazon Web Services (EC2, RDS, S3, SES, SNS, Beanstalk), Google Cloud Computing Service, MS Azure, Heroku
Languages:	Chinese (Cantonese): Native Spoken and written English: Fluent (IELTS band score: 7) Putonghua: Fair

Key Success

Learn to Sing - Sing Sharp

Co-founder of the app

<https://www.singsharpapp.com/>

iOS: 4.3 out of 5, 9.5k ratings

Android: 4.2 out of 5, 65k ratings

Sing Sharp helps you Learn + Practice, Train + Track, Anytime + Anywhere! Sing Sharp's What You See Is What You Sing™ technology detects and display your singing pitch accuracy in real-time, so that you can tune your voice accordingly.

- Accumulated over 3,000,000 total downloads in both iOS and Android platform.

- Received 10 of thousands of great user comments, feedback and high app rating.
- Excellent UI and user experience design.
- Backend system is able to handle high daily network data transfer.
- Developed and designed the backend server system and infrastructure.
- Developed the Android version of the app.

Professional Experience

System Analyst

Jan 2018 – Present

Code Free Soft Limited

Responsibilities:

- System requirement capture with end users.
- System design, development, maintenance and documentation.

Key projects/Assignment:

Dragonce

<https://www.dragonce.com>

- Apps, e-Forms, Workflows, Reports, No Code Required.
- Re-designed the backend infrastructure deployment procedures. Fully automated the whole deployment process with CHEF and Bash scripts.
- Re-designed the whole automation testing procedures using Selenium.
- In charge of the cyber security of the whole project. Performed penetration testing on the platform against OWASP top ten security risks.
- Meet and deal with corporate end users like HK Electric, OGCIO, Cyberport for system requirement.

VOFFIZE

<https://voffize.com/>

- Virtual office service established by Accolade, a leading corporate services company in HK.
- Web based online platform with services like office address registration, mail forwarding, telephone answering, meeting room renting, etc.
- System development of the whole web application including database design, backend API & system logic development, frontend UI development, system testing, deployment, etc.

DINO ICO Project

- Research on Blockchain and smart contract related technologies.
- Organize and manage the whole ICO project.
- Social online marketing management including Facebook, Twitter, Telegram, Youtube,

Medium and bitcointalk forum.

- Manage ICO marketing campaign - Bounty Program.
- Prepare documentations such as white paper, one pager, etc.
- Hold Blockchain related public events.
- System development of the DINO MVP.
- Development of the project website.

System Analyst

Oct 2016 – Jan 2018

TED Concepts Limited

Responsibilities:

- System requirement capture with end users.
- System design, development, maintenance and documentation.

Key projects/Assignment:

BALL ROOM POS System

- iPad based system to manage the payment process inside the party room.
- Functions include:
 - Membership management
 - Booking management
 - Promotion management such as coupon and discount
 - Accounting and sales report
 - Web administrative panel to real time access and manage the above items online. Data synchronization to various branch party rooms.

EDM System

<http://tedconcepts.com/edm/intro>

- Fast, stable and able to handle high volume email traffic.
- Bulk email sending by CSV file.
- Easily customize distinct content for each email recipient.
- Detailed statistics showing how many emails are successfully sent/failed to sent, in system blacklist/unsubscription list, invalid email format, complained by recipients, etc. Also, the delivered date time as well as read date time will also be recorded. All the statistics can be filtered and exported to an excel file for further analysis.
- Freely schedule the email job at any specific date and time.
- Allow recipients to unsubscribe.

Analyst Programmer

Feb 2013 – Sep 2016

Tradegood.com International Limited (Internal transfer from Intertek Testing Services Hong Kong Ltd.)

Responsibilities: System development, maintenance and documentation.

Key projects/Assignment:

Tradegood Portal Platform

- A b2b global sourcing community portal website connecting responsible buyers and trusted suppliers.
- Performed coding and testing on web application and system batch window application program using C#.NET and MS SQL Server.
- Developed the platform with development tools like DevExpress.
- Wrote unit test specification, system test specification.
- In Mid-2013, the platform was revamped from .NET to Java, with the use of JSP, Maven, Spring MVC, Hibernate framework and MySQL. The web application was run in Apache Tomcat under Linux environment.

Tradegood Public website

- Official company website managed by MODX CMS.
- Performed coding and testing on web application using PHP, Node.js and MySQL. The application was run under Linux environment in Amazon EC2.

Analyst Programmer

Apr 2012 - Jan 2013

Intertek Testing Services Hong Kong Ltd.

Responsibilities: System development, maintenance and documentation.

Key projects/Assignment:

iSupplier Intelligence (ISI)

- Performed coding and testing on web application and system batch window application program using C#.NET and MS SQL Server.
- Developed the platform with development tools like DevExpress and DotNetNuke.
- Wrote unit test specification, system test specification.

Analyst Programmer II

May 2010-Mar 2012

Tung Wah Group of Hospitals

Responsibilities:

- System development, maintenance and documentation.
- Project co-ordination between vendors and corporate users.

Key projects/Assignment:

Fixed Asset Registration System (FARS)

- Performed system development and testing of web application using PHP with Zend Framework and Oracle.
- Gathered user requirements by communicating with users to design the system.
- Designed the main system framework and defined the coding standard for other developers to follow.
- Divided the whole system development into various programming tasks and distributed

them to different developers.

- Monitored and supervised other junior developers to accomplish their programming tasks.
- Conducted system performance testing and tuned those parts of the system which have undesired performance.
- Wrote system design specification, programming specification and system specification documents.

News Clipping Archive

- Provided consultation to corporate users to choose for suitable vendor.
- Coordinated and monitored the project by communicating between the vendor and users.
- Gave technical advice and opinions to users who are not familiar with system application.

Receipt Interface System (RIS)

- Gave technical advice to supervisor in choosing an appropriate system implementation.
- Performed system security testing on chosen software product.

Associate Consultant

Aug 2007-Apr 2010

Computer And Technologies Solutions Ltd.

Responsibilities: System development, maintenance and documentation.

Key projects/Assignment:

MTR Corporation – Property Management System (PMS)

- Set up Report Server.
- Implemented report layout and logic using MS Reporting Service.
- Performed coding and testing on web application and system batch window application program using C#.NET and MS SQL Server.
- Wrote unit test specification, system test specification and programming specification documents.

The Joint Secretariat for the Advisory Bodies on Civil Service and Judicial Salaries and Conditions of Service – Pay Trend Survey System (PTSS)

- Implemented report layout and logic using MS Reporting Service.
- Performed coding and testing on web application using C#.NET and MS SQL Server.
- Performed system disaster recovery drill.

CLP - IT Project Governance System (ITPGS)

- Set up a content management site using MS SharePoint.
- Collected user input data using MS Project Server.
- Implemented report layout and logic using MS Reporting Service integrated with MS SharePoint.
- Wrote user guide manual and system operation manual documents.

The Land Registry - IRIS Batch 3 PIR Enhancement

- Performed coding and unit test of enhancement items on window application using VB, Java.
- Wrote system documents.

Home Affairs Department - Rural Election Management Information System (REMIS)

- Performed coding and testing of enhancement items on window application using PowerBuilder.
- Performed weekly system data backup using ARCserve.
- Performed system disaster recovery drill.

Leisure and Cultural Services Department - Views from the Public System II (VPS II)

- Performed system development, testing and maintenance of web application using Java with Struts Framework and Oracle.

Other Work Experience

Jun 2004-Aug 2004 **Part Time Sales**

PCCW

- Persuaded existing customers to extend telephone services.
- Recommended service packages according to different customers' needs.
- Gained experience in handling customers of various ages and backgrounds.
- Further developed presentation and communication skills.
- Learned to be patient, careful and observant.

Education

Sept 2004-2007

Hong Kong University of Science and Technology

(School of Engineering)

Bachelor of Computer Science & Engineering (Minor in Mathematics)

- Courses taken: Programming, Data Structures and Algorithms, Operating Systems and Software Engineering.

Sept 1997-Jun 2004

Tung Wah Group of Hospitals Mrs. Fung Wong Fung Ting College

- HKALE (2004): 1C
- HKCEE (2002,2003): 3Bs, 3Cs

Academic Awards

July 2007

Final Year Project - 2007 Amway Pan-Pearl River Delta Region Universities

IT Project Competition

- Awarded **Bronze Prize** in *Final Round*
- Received **First Runner-Up** in *Hong Kong Region*

2006-2007

Best Final Year Project Award - *Feng Shui Design and Analysis System*

- Received Grade A+ and excellent comments.
- Being nominated to *2007 Amway Pan-Pearl River Delta Region Universities IT Project Competition*.
- Adopted various Feng Shui principles to analyze house setting accurately.
- Provided recommendations and guidance for designing house setting.
- Demonstrated excellent computing skills.
- Reference: http://www.cse.ust.hk/feng_shui/

References available upon request