

Yik-San CHAN (Bernard)

SOFTWARE DEVELOPER

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Summary

I have recently relocated to Glasgow with my family members from Hong Kong. I have over 6 years experience in the back-end development in mainly Java/PHP language, with some system administration, deployment, website development. As my experience of working in various kinds of industries, including the software house(government project/point-of-sales system), in-house development(telecommunication/health beauty) and even startups(Mobile Ads Bidding Platform), I am willing to accept any kinds of new challenging.

Skills

DevOps	AWS, Docker, Jenkins, Maven, SoftLayer, Azure
Back-end	SOAP, REST, Spring+Batis, Laravel, CodeIgniter, Servlet
Front-end	HTML5, CSS, LESS, SASS, Angular.js
Databases	MS SQL Server, Oracle, MySQL, MariaDB, SQLite, Redis
Programming	Java, PHP, Python, C++, C, C#, Node.js, LaTeX
Application	ArcGIS
Languages	English, Cantonese, Mandarin, Japanese

Experience

Perfect Shape Holdings Ltd

Mong Kok, Kowloon, Hong Kong

SENIOR DEVELOPER

Aug 2019 - Jun 2021

- Perfect Medical Holdings Ltd is a company renowned in the beauty health industry, serving the Hong Kong, Macau, Mainland China and Australia market. There are following projects I have participated, reporting to System Analyst or CTO: development & maintenance of eForm(Financial Audit Application – Processmaker based), PS CRM (email sending system by Sendgrid, Facebook webhook – PHP/Laravel based), Landing CMS(PHP/Laravel based), Chinese medicine prescription(PHP/Laravel based), brands website development(Angular.js/SASS). This job has given me a chance to expand my horizons to the beauty industry and various kinds of technology I seldom exposed before.

Skill used: PHP(Laravel)/ SQL Server/ MySQL/ MariaDB/ Javascript(JQuery/Datatable)/ Angular.js/ SASS/ Linux(Ubuntu)

China Mobile Hong Kong(Secondment)

Kwai Hing, NT, Hong Kong

PROGRAMMER(BUSINESS SYSTEM)

Mar 2017 - Apr 2019

- CMHK is one of the most leading telecommunications service providers in Hong Kong. The development team has been divided into multiple groups (eg: business system/ billing system/ business analytics). When I was in CMHK, my main development was POS System and eShop backend System, reporting to System Analysts. The POS system was mainly developed in Oracle Form/Report with PL/SQL Stored Procedure/Function. And the eShop backend system was Java(Spring Framework) based by adopting the flow from POS System. Coordination with other groups has taken a big part to implement the projects smoothly.

Skill used: Java(Spring w/ Batis)/ Oracle(PL/SQL Stored Procedure)/ Oracle Form+Report/ Linux

NEC Hong Kong Limited

Hung Hom, Kowloon, Hong Kong

ANALYST PROGRAMMER(JAVA)

Apr 2016 - Feb 2017

- NEC is one of the most famous worldwide solution providers. I worked on the Traffic & Incident Management System, a project of the Hong Kong Transport Department. The project is mainly programmed in Java, with Spring MVC framework. I was assigned to code on maintenance/configuration function, reporting, data exchange with other organizations(e.g. HK Police Force/Fire Department) by IBM WebSphere MQ/REST API and handling Geographic Information System Implementation(ArcGIS). Since the project was subject to the governmental department, there were some standardized program/technical specification and test cases documents needed to be conducted.

Skill used: Java(Spring w/ Batis)/ Oracle/ JSP / Javascript(JQuery/ Datatable)/ IBM WebSphere MQ/ Maven/ Jenkins/ ArcGIS

Gadmobe Interactive Ltd

SOFTWARE ENGINEER

HKSTP, NT, Hong Kong

Jun 2015 - Mar 2016

- It was a startup company for the Mobile Ads Real Time Bidding(RTB) Platform System, supported by the funding of Hong Kong Science Technology Park(HKSTP). My responsibility was assisting development of an internal system for the sales team/RTB system in PHP, server maintenance/testing(Ubuntu/Linux by IBM SoftLayer/MS Azure) and research(eg: Google Ads, load-balancing). All the tasks were directly reported to the Chief Technology Officer. Due to a tiny team size, it was crucial that over half of the problems needed to be solved by myself, finding the solution from the internet. Also preparing and elaborating the plan to the CTO acted importantly that time. It was one of the most memorable duties amid my career.

Skill used: PHP/ Javascript/ Python/ Cloud Services(Softlayer/Azure)/ Linux/ Shell script

Infoware Systems Ltd

PROGRAMMER(JAVA)

Kwun Tong, Kowloon, Hong Kong

May 2014 - May 2015

- This was my first job as a developer after my graduation. Infoware Systems Ltd has been responsible for Point-of-Sales(POS) and Customer Relations Management(CRM) System for the luxury cosmetic brands in the Greater China Area. I was assigned to code and data fixing for the backend system, mainly programmed in Java in Simple Servlet with JSP, reporting to the Project Manager and the Analyst Programmer, UI improvements. There have been some great-scaled tasks done, such as data migration of POS/CRM from the 3rd party system and research of development of JasperReport, while the old reporting system was in Apache POI. It was an entrance of my programmer life knowing the basic SDLC cycle.

Skill used: Java(Servlet)/ JSP/ Javascript/ SQL Server/ JasperReport

Matsuo International (HK) Co Ltd

SENIOR OFFICE CLERK

Tsim Sha Tsui, Kowloon, Hong Kong

Sep 2012 - Feb 2013

- This was my part-time job during my student time. Matsuo Int'l is a Japanese multi-international trading company, fashion wear retailer. It was a precious experience for me to handle basic office documents and knowing the shipping documentary and POS system basic configuration. This job helped me master my MS Office Skills.

Education

PolyU(The Hong Kong Polytechnic University)

BENG(HONS) ELECTRONIC & INFORMATION ENGINEERING

Hung Hom, Kowloon, Hong Kong

Sept 2012 - Aug 2014

- During the degree course, I have gained the knowledge of digital signal processing and practical works by numerous courses. I have studied Digital Signal Processing (Image & Audio Processing), Multimedia Technology(Broadcasting/Streaming encoding related) to know the algorithm and techniques of signal transformation/conversion, Distributed Systems & Network Programming(AJAX, multi-threading related) to know the basics of web programming and multi-threading. There were some practical projects like robot-car projects by C8051, Industrial Centre Training II - Robot Design(Remote Control by AJAX) for me to code for running the gadgets.

For my honour project, it was titled "Depth based Intra Prediction of 3D texture video", it was to improve the video encoding - to apply a fast algorithm in H.264/AVC JM Reference Software by C programming. It has reinforced my knowledge of programming and image processing to achieve the purpose of the project.

PolyU(The Hong Kong Polytechnic University)

HIGHER DIPLOMA IN ELECTRONIC & INFORMATION ENGINEERING

Hung Hom, Kowloon, Hong Kong

Sept 2010 - Aug 2012

- The courses in HD were related to circuits, systems(signal processing), networks and programming. C/C++ Programming was the basic language to learn, applying to various kinds of higher level courses, such as embedded systems, IC industrial training(building a CD player). In the second year, Java was another language to learn Object-Oriented Programming. I have passed the diploma and proceeded to the degree course and gained the fundamentals of programming and logic design.