

# David Ng

Software Engineer



## About

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## Web FrontEnd Development

### Master

React CSS

## Web BackEnd Development

### Master

MongoDB NodeJS  
Python Rest API Redis  
RabbitMQ

## Cloud Deployment

### Intermediate

AWS Docker CI GitHub

## Project Management

### Intermediate

Agile Scrum

## Automated testing

### Intermediate

Unit Test  
Integration Test Jest

## Languages

English (Intermediate)  
Chinese (Native)

## Interests

### OSS

music  
multi media

## Summary

I am an innovative natural problem solver, who is passionate and will always fight for what I believe in, especially when it is best for the company. I love working in a team and have mentored and helped junior and new staff members on projects. I am always willing to share knowledge whether that's job related or tech news, this is because I always want to help colleagues to ensure jobs are done to a high quality.

## Experience

### HK01

11/2018 - Present

Online media outlet ranked #22 on Alexa and #1 on Hong Kong Apple App store and Google Play store.  
Software Engineer

MongoDB NodeJS Docker Travis CI RabbitMQ Redis

Working in a shared service team to provide reusable, shared logic for difference products

- Created the system for the editor delivery notifications to end user. For example, push notifications, SMS, email ...etc.
- Created the company's internal Single Sign On (SSO) system
- Created the Content Management System (CMS) for non-technical staff to create content for the company application

### AfterShip

05/2017 - 09/2018

SaaS provide post-purchase experience such as shipment visibility, analytics ..etc.  
Software Engineer

MongoDB NodeJS Beanstalk Redis

Use different sources including Website, API, API used by mobile app to provide tracked shipment and courier data through the tracking number.

### PCCW Now Media Limited

05/2015 - 04/2017

Subscription based regional video streaming platform  
Data Developer

AWS Redshift AWS SWF Python MS Excel

Setup data tracking and reporting system for the streaming platform

- Designed the Data Transform Pipeline & reporting system for Video on Demand (VOD) application for Mobile, Tablet and PC.
- This application covered cross regionally; it covered Hong Kong, Singapore, Philippines and Thailand.

## Open Source Projects

### Spotify Music Player · <https://github.com/davidNHK/spotify-music-player>

Web Music Player for playing spotify music

React Data fetching OpenID Client React Hook CSS styling

- Support multi device sync up through spotify-connect
- Recommends tracks base on user country / recent play

### resume.json · <https://github.com/davidNHK/resume.json>

The document you are reading currently

JSON Resume Standard CD Github Action

- Standard resume format
- multiple theme support

## Education

### The Open University of Hong Kong

09/2012 - 05/2014

Bachelor Information Technology

## References

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“ During two years of working with David, we learn, growth and teaching each others in many ways. He give great effort and contribution to the team. Suggesting different solutions and tools to help solving many technical problems. Most importantly David help mentoring Junior developers. To help them get through hard time and start contributing the team more quickly. Without David our team will not be that successful. Highly recommend him to any company for a excellent team player.

— Ki-hong Chan, HK01 Assistant Manager

“ David is a big fan of automation. He loves to use the latest technical stacks to improve team's productivity. He even built an automate tool for the company to automate different jobs which needed to be manually processed time to time before. He is also eager to help others and brings constructive ideas to the team all the time.

— Eddie Li, HK01 Senior Software Engineer

“ A dedicated software engineer who can overcome challenges with creative solutions. He also loves to help his colleagues and discuss openly about the process and solution too. Highly recommend him to any company looking for a excellent team player

— Billy Chan, HK01 Software Engineer