

David Ng

Software Engineer



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

Neat

05/2021 - Present

Digital wallet for business

Senior Software Engineer

GraphQL NodeJS Docker Circle CI Cypress PostgreSQL

Senior developer help for making decision, code review, improve existing product quality

- Improve code base by adding test cover
- Guide junior engineers

HK01

11/2018 - 05/2021

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 though 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

About

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Web FrontEnd Development

Master

React CSS

Web BackEnd Development

Master

Express NestJS NodeJS
REST API

Intermediate

Python GraphQL
MongoDB RabbitMQ
Redis PostgreSQL
RabbitMQ

Cloud Deployment

Intermediate

AWS Docker CI GitHub

Project Management

Intermediate

Agile Scrum

Automated testing

Intermediate

TDD Unit Test
Integration Test Jest
Cypress

Languages

English (Intermediate)
Chinese (Native)

Interests

OSS

music
multi media

Education

The Open University of Hong Kong

Bachelor Information Technology

09/2012 - 05/2014

References

“ 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

“ I worked with David for the past two years, He is an innovative team player and created many automated tools to improve team efficiency and product quality. He is able to apply his innovative mind on spotting quick solutions for complex problems, which is essential for a fast development pace. He is also very willing to speak up when he spotted problems and usually come up with solutions. If the right solution is obscure, he could manage to use data to deduce the right one. He is also willing to share his skills, knowledge and new findings to team members which improve the whole team productivity. I recommend him if you are looking for an engineer who can handle fast development cycles like startup company.

— Alex Yeung, HK01 Senior Software Engineer

“ 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