

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

Neat

Digital wallet for business
Senior Software Engineer
GraphQL NodeJS Docker Circle CI Cypress

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

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

05/2021 - Present

HK01

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

11/2018 - 05/2021

AfterShip

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.

05/2017 - 09/2018

PCCW Now Media Limited

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.

05/2015 - 04/2017

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

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