

David Ng

Software Engineer

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About

🇬🇧 United Kingdom

📍 Born in 1990

📄 /resume.json

🌐 neviaumi

🌐 Kong Chor Ng

Web FrontEnd Development

Master

React CSS Javascript

Web BackEnd Development

Master

Express NestJS NodeJS
REST API

Intermediate

Python GraphQL MongoDB
Redis PostgreSQL RabbitMQ

Cloud Deployment

Intermediate

AWS Docker CI GitHub

Project Management

Intermediate

Agile Scrum

Automated testing

Master

TDD Unit Test Integration Test
Jest Cypress

Languages

Chinese English

Summary

Software engineer with a passion for problem-solving and a strong commitment to delivering high-quality solutions. Experienced in collaborating with teams, mentoring junior staff, and sharing knowledge. Skilled in web development, automation, and project management. Looking for a company with a clean business mission, offering a hybrid work environment, focused on full-stack development, and thriving in a rapid development environment.

Experience

Backend Engineer in Emma App Technologies

Mar 2024 - May 2024

A all-in-one mobile app to manage personal finance

NodeJS React NextJS Open Banking TypeScript

Port mobile application to web and integrate Open Banking API

- Collaborated with CTO and Designer to clarify requirements and design
- Port application from mobile to web
- Integrate Open Banking API

Software Engineer II in PlayStation

May 2022 - Mar 2024

Platform for game develop partner to manage member access in game development component

NodeJS React AWS Jenkins SCSS TypeScript

Enable game development partners to manage member access in game development components.

- Collaborated with Product Owner and engineers to clarify requirements, estimate effort, and breakdown features into smaller tasks
- Contributed to bug fixes and feature development using NodeJS and React
- Worked with a component library used across the company, utilizing React and CSS

Software Engineer in Neat

May 2021 - May 2022

A digital wallet for companies to manage expenses through the issuance of company VISA debit cards and virtual bank accounts.

Cypress NodeJS React AWS Docker GraphQL PostgreSQL Circle CI

Enabled companies to register their applications to the digital wallet and ensured compliance for verifying applicant companies.

- Worked with product owners and QA to prioritize, estimate and deliver features
- Developed features for onboarding and KYC using GraphQL, NodeJS, and React.
- Improved code stability by introducing automated tests.
- Mentored junior engineers to enhance their technical skills.

Software Engineer in HK01

Nov 2018 - May 2021

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

NodeJS React AWS Docker MongoDB RabbitMQ Redis Travis CI TypeScript

Enabled editors to log in across company sub-systems with given permission, deliver notifications to end users through different channels, and create content for campaigns.

- Collaborated with team lead and product owner to prioritize and break down features into valuable deliverables
- Created the system for editor delivery notifications to end users, including 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.

References

When I joined Neat I had limited experience with web development and JavaScript. Luckily, I had Chor on my team! Chor is extremely experienced in JS development and he's a very patient person. Despite the pandemic he made the effort to commute to office everyday to teach me the ins and outs of Neat's system face to face. He truly enabled the team to excel technically. He inspired us to use the best technologies for the job and explained them when needed. I hope to work together with Chor again in the future.

— Rutger Huijsmans, Neat Lead Engineer

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

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

Open Source Projects

resume.json <https://github.com/neviaumi/resume.json>

Developed a standardized resume format with support for multiple themes.

CSS **GitHub Action** **Web Component**

- Implemented a standard resume format.
- Provided support for multiple themes.

Made in UK <https://github.com/neviaumi/made-in-uk>

Developed a project to crawl major UK grocery websites to display their prices and country of origin. This project was created in my spare time to enhance my skills and learn new technologies.

CSS **React** **Docker** **GraphQL** **GCP** **GitHub Action** **Pulumi** **Remix** **SSR** **TailwindCSS** **TypeScript**

- Created a monorepo for frontend, backend, and infrastructure.
- Hosted on GCP with server-side rendering (SSR) and GraphQL.
- Implemented CI/CD using GitHub Actions and Pulumi.
- Developed using TypeScript, React, TailwindCSS, and Docker.
- Enabled asynchronous data fetching with GraphQL.

Education

The Open University of Hong Kong

Sept 2012 - May 2014

Bachelor Information Technology