



David Ng





Software Engineer

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 PDF Version



About

-  United Kingdom
-  About me
-  Kong Chor Ng
-  neviaumi

- Skill

Means I have mastered this skill.
- Skill

Means I am at an intermediate level in this skill.

Check the README for a detailed definition of 'mastered' and 'intermediate.'

Backend Development

- Master
- NodeJS

Express

NestJS

REST API
- Intermediate
- Redis

Python

PostgreSQL

MongoDB

RabbitMQ

BullMQ

GraphQL

Microservices

AWS

Web Frontend Development

- Master
- React

Typescript

CSS
- Intermediate
- NextJS

Remix

Astro

TailwindCSS

Styled Components

Material Design

Figma

Automated Testing

- Master
- Jest

Unit Testing
- Intermediate
- Cypress

Playwright

Testing Library

Mocha

Integration Testing

End-to-End Testing

Infrastructure

- Master
- GitHub Actions
- Intermediate
- Docker

Pulumi

AWS

CI/CD

CircleCI

Travis CI

Summary

Dynamic Software Engineer with a robust foundation in backend and frontend development, specializing in modern frameworks such as React and Node.js. Adept in Agile methodologies and automated testing, I focus on delivering scalable and efficient applications while collaborating with cross-functional teams to align with business objectives. Passionate about continuous improvement and creative problem-solving, I thrive in diverse environments from startups to multinational corporations, fostering growth and innovation in every project.

Experience

Backend Engineer in Emma App Technologies

Mar 2024 - May 2024

London, UK (on-site)

As a Backend Engineer at Emma App Technologies, I implemented bank integrations and optimized banking connections to enhance user access for a personal finance app. I led the development of a QR code generator for marketing campaigns, resulting in improved performance tracking and immediate business value.

NodeJS

React

Typescript

NextJS

FinTech

Open Banking

Developed and integrated multiple banking connections with major institutions like HSBC and Barclays, streamlining user access and enhancing app functionality.

Designed a customized QR code generator for marketing campaigns, improving collaboration with partners and enabling effective performance tracking.

Optimized the mobile registration flow across platforms, significantly enhancing user experience and efficiency in onboarding processes.

Software Engineer II in PlayStation

May 2022 - Mar 2024

Liverpool, UK (remote)

At PlayStation, I served as a Software Engineer II, primarily focusing on developing a frontend access management system for partner integration. I integrated frontend functionalities with APIs, managed a component library, and conducted experiments with micro frontend architecture to enhance collaboration and usability across team projects.

NodeJS

React

Typescript

AWS

AWS

Jenkins

Microservice

SCSS

Storybook

Optimized UI component library with SCSS and Storybook, streamlining frontend development and improving consistency across applications for better user experience.

Introduced innovative micro frontend methods and implemented feature flag services, enhancing the deployment process and reducing feature rollout times by 30%.

Developed and maintained an access management system using React and Typescript, improving user management efficiency for partners by enabling dynamic role assignments and group management.

Software Engineer in Neat

May 2021 - May 2022

HK / UK (Hybrid / Remote)

As a Software Engineer at Neat, I developed the registration system for virtual accounts, enhancing accessibility through translation features and establishing robust testing processes. My role involved technical mentorship and collaboration within a structured sprint cycle, contributing significantly to essential business functionalities and engineering effectiveness.

NodeJS

React

AWS

AWS

CircleCI

Cypress

Docker

GraphQL

PostgreSQL

FinTech

Mentorship

Ruby

Designed and implemented the registration system for small business virtual accounts, utilizing Node.js and PostgreSQL to enhance user access and streamline account management.

Established consistent testing processes using Cypress, resulting in improved reliability and reduced regression issues within the platform.

Provided technical mentorship to junior developers, fostering a culture of collaboration and knowledge sharing in a fast-paced, agile environment.

Software Engineer in HK01

Nov 2018 - May 2021

HK (on-site)

As a Software Engineer at HK01, I developed internal systems for content editors, including a multi-channel messaging system and a secure single sign-on solution using OAuth 2. My role involved collaborating within a self-managed team to streamline workflows and improve user access control through effective feature development.

NestJS

NodeJS

React

Typescript

AWS

AWS

Docker

Microservices

MongoDB

RabbitMQ

Redis

Travis CI

Developed a multi-channel messaging system leveraging RabbitMQ and MongoDB, enhancing communication capabilities for content editors.

Implemented a single sign-on login system using OAuth 2, significantly improving user authentication across multiple platforms.

Collaborated in a cross-functional team environment, refining skills in agile task estimation and feature rollout.

Agile Team collaborate

Master

- Scrum
- Retrospective & Process Improvement
- Cross-Functional Collaboration

Intermediate

- Agile
- Stakeholder Communication
- Feature Flags
- Continuous Delivery
- Backlog Management
- Sprint Planning

Languages

- Chinese
- English

Software Engineer in AfterShip

Hong Kong (hybrid)

May 2017 - Sept 2018

- NodeJS
- MongoDB
- Redis
- Beanstalk
- Crawler

Data Developer in PCCW Now Media Limited

Hong Kong (on-site)

May 2015 - Apr 2017

- NodeJS
- AWS
- AWS
- Python
- MS Excel

References

I had the pleasure of working alongside Kong Chor at PlayStation, and I can confidently say that he is one of the most talented and dependable professionals I've had the privilege to collaborate with. Kong brings an exceptional combination of technical expertise, problem-solving skills, and a team-first attitude to everything he does. His proficiency in JS/TS stacks and his ability to quickly grasp the nuances of complex systems made him an indispensable asset to our team. Beyond his technical skills, Kong stands out for his collaborative and supportive nature. He's always willing to lend a hand, share insights, or help other team members. I highly recommend Kong to any team or organization looking for a skilled and dedicated software engineer. He will undoubtedly make a lasting impact wherever he goes.

Henrique Gabriel Rodrigues Cordeiro, PlayStation Software Engineer

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 once 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

Open Source Projects

Portfolio

<https://neviaumi.github.io/portfolio>

This portfolio showcases my journey as a software engineer. It highlights my core values, experiences, and skills developed over the years. I've collaborated on various projects and focused on continuous learning and improvement, leveraging Agile methodologies to build scalable solutions. My background spans diverse environments like tech startups and multinational corporations, demonstrating a commitment to impactful software development.

- GitHub Actions
- React
- Typescript
- Astro
- Docker
- Figma
- Material Design
- Playwright
- TinaCMS

- An overview of the technical skills I am confident in and continue to refine.
- Summary of the core values that guide my career and decision-making.
- A showcase of my diverse professional experiences across tech startups and corporations.

resume.json

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

Resume website that allows for quick and easy updates, ensuring format stability and effortless editing. This project enabled automated PDF exports upon deployment to GitHub Pages and facilitated the generation of tailored interview introductions based on job descriptions, enhancing my job application process.

- CSS
- GitHub Actions
- TailwindCSS
- Web Component

- Automated PDF export upon deployment to GitHub Pages for seamless resume sharing.
- Built a dynamic, JSON-driven resume generator using TailwindCSS and WebComponents for effortless updates without format issues.

Education

The Open University of Hong Kong

Sept 2012 - May 2014

Bachelor Information Technology