David Ng
Software Engineer

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▣ Web Version

About

🇬🇧 United Kingdom
🏠 About me
in 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

Software Engineer II in PlayStation
Liverpool, UK (remote)

May 2022 - Mar 2024

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
HK / UK (Hybrid / Remote)

May 2021 - May 2022

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
HK (on-site)

Nov 2018 - May 2021

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.

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

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`

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

My portfolio showcases my evolution as a software engineer, reflecting a blend of technical proficiency and core professional values developed through diverse experiences. It highlights my commitment to creating impactful, scalable solutions by leveraging Agile methodologies across a spectrum of projects. From driving innovation in dynamic tech startups to making significant contributions in global enterprises, I continuously adapt to deliver exceptional software solutions.

`GitHub Actions` `React` `Typescript` `Astro` `Playwright` `AI Tools` `Cloudflare Worker` `Serverless` `TinaCMS`

`Web Accessibility`

- A comprehensive technical skill set across cutting-edge frontend and backend technologies, honed through extensive hands-on experience.
- Automated resume PDF generation and AI-assisted tools for tailored job application workflows, optimizing efficiency.
- A diverse set of achievements spanning tech startups and multinational corporations, employing best practices and innovative solutions.

resume.json

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

A web component-driven resume website that dynamically renders a print-ready resume using a remote, schema-compliant JSON. Tailored for seamless updates and compatibility, it ensures effortless customization and consistent formatting across all devices.

`TailwindCSS` `JSON Schema` `Responsive Design` `Web Component`

- Dynamic rendering of resumes from remote, schema-compliant JSON for consistent and structured content.
- Print-ready, responsive design using TailwindCSS and Web Components for professional presentation.
- Seamless integration, enabling quick updates while maintaining content validity against the JSON schema.

Education

The Open University of Hong Kong

Sept 2012 - May 2014

Bachelor Information Technology