

PETER WU

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SUMMARY

Software Engineer with 4+ years of full-stack experience and a passion for app design and development. Quick learner, self-taught, and passionate to put web development skills to practice. Seeking new challenges in front-end design (JS, React, Next) and Backend/Cloud development (Node.js, MongoDB, AWS).

WORKING EXPERIENCE

KaiOS Technologies Inc.

Jul 2019 – April 2022

Google ventures backed a SaaS company, developing an operating system for smart feature phones.

1. Web Application Development

- Developed in-house games to enhance the end-user experience on the KaiOS device; Contribute to the advertising revenue and team's KPIs
- Lead the design, development, and execution of the game development, and application submission to KaiStore & Jio AppStore
- Developed Documentation and Reference Apps ([Phaser](#), [Defold](#), [Construct](#), Angular framework)
- Partner with communities and sourcing (Defold, Angular community)

2. Top-Up Referral App

- Collaborate with R&D, Legal and external stakeholders to develop a carrier top-up referral [app](#)
- Technologies used: ReactJS, NodeJS, Bootstrap, Webpack, i18n, GA4

3. Maintenance and enhancement of new and legacy code

- Documenting, bug fixing, and migrating applications to new operating system versions
- Technologies used: Construct framework, Git, Bugzilla

Techket.io

Sept 2023 – Dec 2023

A start-up company provides software services to different clients.

1. AirPurchase

- Developed new features for food ingredient order management
- Technologies used: ReactJS, MUI, Strapi, PostgreSQL, AWS, GitLab

alfred24 Delivery HK Limited

April 2022 – Dec 2023

A delivery & logistic company provides a Locker and CMS platform for merchants to manage delivery services.

1. CMS Development ([ParcelPro](#))

- Developing new features for CMS service
- Maintaining the main page of the website by Webflow
- Deploy apps to GCP, AWS, and Bitbucket experience
- Technologies used: NextJS, Redux, Tailwind, AWS, GCP, Bitbucket, GA4, NodeJS, AdonisJS, MongoDB

2. Location map

- Revamped new location map with different devices supported
- Connected with in-house DB to get location info and pins
- Technologies used: NextJS, React Context, CSS, Firebase, Google Maps, GA4, i18n, etc

3. Other internal apps

- Webhook push application, hosted on AWS EC2 (Integrated with Azure SSO, NextJS)
- Customised internal components library (Storybook with Rollup)
- LMS (LockerPro) maintenance (Angular)
- Analytics tools for monitoring MongoDB, hosted on AWS EC2 (Prometheus + Grafana)
- AWS Lambda automation function (CRON jobs)
- 3rd Party plugin (E.g., Shopify) (Used by Vue)

A leading OTT platform across Asia-Pacific provides streaming services

1. Backend development

- Maintained and developed new features for the main service of the Viu backend system
- Monitored and debugged issues from the internal analytics tools
- Documented most of the API services internally and externally
- Technologies used: PHP, Laravel, Grafana, Datadog

2. OTP Reduction for Phone Login

- Designed and implemented the solution
- Lower authentication-related costs and enhancing security by reducing the reliance on one-time passwords

3. Super App Integration

- Developed the initiative, streamlining
- Optimize the partner onboarding experience, resulting in a more seamless and scalable integration process with the streaming service
- Technologies used: NextJS, Tailwind, AWS EC2, PM2

EDUCATION

Master of Cyber Security

2025 – Current (2027)

Queensland University of Technology, Australia

Bachelor of Information Technology

2017 - 2019

University of Queensland, Australia

ADDITIONAL INFORMATION

Language	Fluent in English, Cantonese, and Mandarin	
Capabilities	Able to read and write in Chinese (Both traditional and simplified)	
Technical Skills	<p>Programming Languages:</p> <ul style="list-style-type: none"> - HTML, CSS - JavaScript, Typescript - Python <p>Frameworks:</p> <ul style="list-style-type: none"> - ReactJS, NextJS, Angular, Vue, Schematics, NodeJS, ExpressJS, AdonisJS - Babel, Webpack - Bootstrap/TailwindCSS - Storybook (FE/UI development) - REST API <p>Database/Server hosting:</p> <ul style="list-style-type: none"> - MySQL, NoSQL, MongoDB, PostgreSQL - PHP, CodeIgniter - Nginx <p>Analytics tool</p> <ul style="list-style-type: none"> - Prometheus/Grafana 	<p>Version Control:</p> <ul style="list-style-type: none"> - GitHub, GitLab, Bitbucket <p>Development:</p> <ul style="list-style-type: none"> - Bugzilla - Bitbucket <p>DevOps/CICD:</p> <ul style="list-style-type: none"> - Bitbucket - Docker - GCP (ACE), AWS (SAA, SOA, SCS) - Azure (SSO) <p>Editing:</p> <ul style="list-style-type: none"> - Photoshop/Lightroom - Figma <p>Project Management:</p> <ul style="list-style-type: none"> - Asana - HubSpot - Jira/Confluence
Soft Skills	Agile and Scrum Management	
Interests	Fitness, Photography, Photo & Video Editing, Playing Guitar & Piano	
Personal Website	https://peter-portfolio.vercel.app/	
GitHub Projects	https://github.com/wulaiyin789/	