SCOTT CHEUNG

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SUMMARY

Full-Stack Developer with 2 YOE building web applications using **Next.js**, **React**, and **FastAPI**. Proven track record in cost optimization (**$15k/year saved**), load time improvements (**65% faster**), and code efficiency (**40% reduction**). Experienced in owning projects end-to-end and delivering scalable, maintainable systems in production environments using **Agile** methodologies.

SKILLS

Frontend: TypeScript, React, Next.js, React Native, Tailwind, Framer Motion, Storybook, Redux
Backend: FastAPI (Python), Node.js, .NET (C#), Firebase, PostgreSQL, RESTful API Development
Cloud & DevOps: AWS (EC2, S3, RDS, VPC, Amplify), Vercel, GitHub Actions, Cloudfront
Tools & Testing: Figma, Jest, Lighthouse, React Testing Library, Postman, Swagger/OpenAPI

WORK EXPERIENCE

Bluesky Creations — Full-Stack Developer — June 2025 - Jan 2026

- **Led the end-to-end architecture** of a loyalty platform using **Next.js, TypeScript, FastAPI, Python, and AWS**, owning the full SDLC from requirements to production.

- Cut operational costs **by $15k/year** by migrating multiple projects from **WordPress** to **Next.js** on Vercel.

- Improved load time **by 65%** (**TBT < 70ms**, **90+ Lighthouse**) through **SSR** and **code splitting** strategies.

- Optimized redemption **APIs**, achieving up to **10x faster** voucher processing with server-side validation.

- Engineered backend services on **AWS (EC2, S3, RDS)**, implementing secure **VPC configurations**.

- Designed Database schemas using **dbdiagram** and implemented ORM using **SQLAlchemy** and **Pydantic**.

- Implemented **Auth solution** with **Firebase**, **FastAPI**, and **JWT** supporting multi-provider login (**Google**/**Apple**/**OTP**/**Email**), automated token handling, and seamless account merging.

- Redesigned frontend architecture with shared components, hooks, **Zustand**, **React Query**, and core utilities, reducing code duplication by 40% across multiple apps (monorepo).

- Built a reusable **UI component library** with **TypeScript**, **Tailwind CSS**, and **Storybook**.

- Built a reusable **Animation middleware** with **Framer Motion**, standardizing container and trigger-based animations, including FLIP transitions for smooth element transformations.

- Built **CI/CD pipelines** with **GitHub Actions** and **Vercel**, enabling automated testing, deployments, and safe rollback for production releases.

- Collaborated within a cross-functional team using **Jira**-managed tickets and pull request workflows, reviewing changes for correctness, readability, and long-term maintainability before merging.

Wolli Software — Web Developer — Oct 2023 - Mar 2025

- Developed and maintained Apps using HTML, CSS, React, Next.js, FastAPI, and Redux, improving web performance by 20%.

- Developed and maintained RESTful APIs using Node.js, Express.js, and Python, following best practices.

- Integrated third-party services such as Twilio, Shopify, Mapbox, and Strapi CMS, enhancing functionality.

- Experienced with Firebase Auth, JWT authentication, and security best practices.

- Implemented i18n solutions using react-i18next, enabling seamless multi-language support.

- Implemented End-to-End Test on multiple devices, improved stability.

- Optimized SEO by improving web elements using Google Analytics and Lighthouse.

- Worked in Agile environments using Jira, collaborating cross-functionally for efficient development.

EDUCATION

Master of Information Technology - Artificial Intelligence
University of New South Wales   Sep 2022 - Jun 2024

Bachelor of Engineering - Functional Materials
Southwest University of Science and Technology   Sep 2017 - Jun 2021

Bachelor of Management - Business Administration
Southwest University of Science and Technology   Sep 2019 - Jun 2021

PORTFOLIO

- Rewowo Platform (https://www.rewowo.com.au/) | Lead Full-Stack Developer: A commercial loyalty platform built with Next.js, FastAPI, and AWS. Features include QR-code vouchering, merchant dashboards, and real-time analytics.

- Bluesky Creations Website (https://www.blueskycreations.com.au/) | Independently redesigned and rebuilt from WordPress to Next.js/Vercel with serverless forms that automatically notify submitters and save responses to Google Sheets; achieved 95+ Lighthouse scores.

- Recruit Complete Website (https://www.recruitcomplete.com/) | Lead Developer: A performant business website migrated from WordPress to Next.js/Vercel, achieving 90+ Lighthouse scores.

- Component System(https://ui-v2-silk.vercel.app) | Creator: A reusable Next.js component library with Tailwind CSS and Storybook documentation, standardized UI patterns for 3+ internal products.

- Design System (https://gobell.vercel.app/design-system) | Creator: A reusable Design System with Tailwind CSS documentation, adopted across multiple company projects.

- Leave Management Platform (Demo) (https://leave-platform.vercel.app) | Full-Stack Project: A feature-complete internal tool demo showcasing CRUD operations, user roles, and a modern UI.

- Personal Website & Blog (https://xianzhe.site) | Design & Development: A custom-built portfolio site with a CMS-integrated blog section.

OTHER

Location: Sunshine Coast, QLD (Own a vehicle, willing to relocate)

Visa: 485 Visa (Full Working Rights, Valid until **Oct 2029**)

Availability: Immediate