

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**, **FastAPI**, 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 schemas using **dbdiagram** and implemented ORM layers 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.

Wolli Software

Web Developer

Oct 2023 - Mar 2025

- Developed and maintained responsive UI components using **React**, **Tailwind CSS**, and **Framer Motion**.
- Integrated third-party services, including **Mapbox**, **Strapi CMS**, and **Shopify APIs**.
- Contributed to RESTful API development and Firebase authentication.
- Implemented internationalization (**i18n**) using react-i18next to support multi-language.
- Streamlined development workflows with **custom scripts** and **GitHub Actions**.
- Collaborated on **SEO and performance optimization**, using **Google Analytics**, **Lighthouse**, and **Microsoft Clarity**, reducing page load time by 20% and lowering bounce rate.
- Established testing protocols using **Jest**, improving code reliability and deployment confidence.

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