

SCOTT CHEUNG

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SUMMARY -----

Full-Stack Developer with 2 years of experience building production web applications using **Next.js**, **React**, and **FastAPI**. Proven track record in cost optimization (\$15k/year saved), performance improvement (65% faster load times), and code efficiency (40% reduction). Experienced in owning projects end-to-end and delivering scalable, maintainable systems used in real-world production environments.

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), GitHub Actions, Vercel

Tools & Testing: Figma, Jest, Lighthouse, React Testing Library, Postman, Swagger/OpenAPI

WORK EXPERIENCE -----

Bluesky Creations

Full-Stack Developer

June 2025 - Jan 2026

(can provide strong references)

- Led the architecture and end-to-end delivery of a loyalty platform using **TypeScript**, **Next.js**, **FastAPI**, and **AWS**, owning the full lifecycle from requirements gathering to production deployment.
- Reduced operational costs by **\$15k/year** by migrating from **WordPress** to **Next.js** on **Vercel**, improving page load speed by **65% (TBT < 70ms)** and achieving **90+ Lighthouse** scores.
- Redesigned frontend architecture to support shared components, hooks, and core utilities across multiple applications, reducing code duplication by 40% and improving long-term maintainability (via a monorepo setup).
- Built a reusable UI component library with **Tailwind CSS**, **Framer Motion**, and **Storybook**, ensuring consistent design and faster UI development across multiple products/projects.
- Engineered and deployed scalable backend services on **AWS (EC2, RDS/PostgreSQL)**, configuring **VPC** security groups to ensure secure and reliable data access.
- Built **CI/CD** pipelines with **GitHub Actions** and **Vercel**, enabling automated testing, deployments, and safe rollback for production releases.
- Implemented a QR-based redemption workflow with **strict server-side validation** and **transaction logging**, ensuring **data integrity** and preventing **double-spending** in production.

Wolli Software

Web Developer

Oct 2023 - Mar 2025

- Developed and maintained responsive UI components using **React**, **Tailwind CSS**, and **Framer Motion** for production web applications.
- Integrated third-party services including **Mapbox**, **Strapi CMS**, and **Shopify APIs**.
- Contributed to RESTful API development and Firebase-based authentication.
- Implemented internationalization (i18n) using react-i18next.
- 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 vouchers, 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.