Danny Li

Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Software engineer who has shipped production TypeScript and React against real users, with Python and PostgreSQL behind it.

At Duo Tax, built client-facing platforms and internal tooling, and moved the company off bought third-party SaaS onto bespoke software, then maintained it.

Comfortable across the stack - schema design, API, front end, tests and deployment.

EXPERIENCE

Software Engineer - Duo Tax (Duo Group), Homebush NSW June 2026 - August 2026

- Built duopolis.com.au, a client-facing platform where property clients view their reports and track expenses and events.
- Replaced WPForms with a bespoke in-house forms system, and built features on DuoHub, the internal work-central platform.
- Migrated the company's Zapier workflows onto self-hosted n8n, cutting subscription cost and letting the team extend the workflows themselves.
- Maintained Duo Marketing, integrating external APIs and migrating social analytics dashboards off AgencyAnalytics and HubSpot onto a bespoke system.
- Deployed to Railway and to AWS, set up Cloudflare, and set up Azure AD for a project.
- Stack: TypeScript, React, Python, MongoDB, Redis, Railway, AWS, Cloudflare, Azure AD.

Technology & Operations Coordinator - Koala Living (contracted via Fulfillio), Western Sydney NSW November 2025 - May 2026

- Sole operator for SHIPPIT orders covering invoice processing, shipping labels and FedEx palletisation.
- Set a facility record processing a full shipping container in 50 minutes through process optimisation.

PROJECTS

RecipeBrowser - social recipe sharing platform

- Full-stack application with session-based authentication, recipe CRUD with photo upload, social features and a recipe remix system.
- Service-layered architecture serving web, API and mobile clients with Zod validation throughout.
- Next.js 16 App Router, TypeScript (strict), PostgreSQL, Prisma, Better Auth, Tailwind CSS v4, TanStack React Query, Jest, Playwright, Sentry, Docker.

Roster Management System - UNSW capstone project, COMP3900 September 2025 - December 2025

- Built with a five-person project team: a full-stack scheduling system automating rostering for teams of 50+ people, with shift trading, bidding and availability constraint algorithms.
- Achieved 100% test coverage through unit and integration testing, and deployed to production.
- Python, TypeScript, React, Node.js, PostgreSQL, Supabase.

SKILLS

TypeScript, JavaScript, Python, SQL, React, Next.js App Router, Node.js, Express, Prisma, PostgreSQL, Supabase, MongoDB, Redis, Tailwind CSS, TanStack React Query, Zod, Jest, Vitest, Playwright, Docker, GitHub Actions, AWS, Railway, Cloudflare, Azure AD, Git/GitHub

EDUCATION

University of New South Wales - Bachelor of Science (Computer Science) & Bachelor of Actuarial Studies

February 2022 - December 2025. Overall WAM 70.5 (Credit average).