

PROFESSIONAL SUMMARY

Software engineer with 6+ years specializing in distributed systems and workflow automation. Currently developing IAP workflow orchestration platform at Zendesk. Previously delivered \$175K revenue-generating analytics dashboard and Vue 3 migration of 200+ components. Full-stack expertise in TypeScript, Golang, React, GraphQL, and gRPC with Master of Data Science in ML/NLP. Proven track record in technical leadership and system architecture.

PROFESSIONAL EXPERIENCE

Senior Software Engineer, Zendesk, VIC, Australia

Sep 2025 – Present

- Contributing to **IAP workflow orchestration platform**, delivered critical bug fixes before **GA launch**.
- Developing **distributed systems** with Golang gRPC microservices, Node.js GraphQL BFF, and React TypeScript frontend.
- Supporting team growth through pair programming and code reviews.

TypeScript	Golang	ReactJS	Node.js	Express	GraphQL	gRPC	Protocol Buffers	MySQL	Redis	Kafka	Jest	Cypress
Storybook	Jenkins	Docker	Kubernetes	AWS	Sentry	Datadog						

Full Stack Developer, WISE Employment, VIC, Australia

Nov 2023 – Sep 2025

- Led **Vue 2 to Vue 3 + Vite migration** across **200+ components**, architected reusable component system and headless design library.
- Delivered internal analytics dashboard projected to generate **\$175K annual revenue**, used by **hundreds of staff**.
- Implemented secure data pipelines with AWS Blob Storage, Java-based decryption, and schema validation.
- Optimized CI/CD infrastructure using GitLab, Docker, and OpenShift.
- Mentored team on engineering best practices and facilitated technical decisions.

TypeScript	JavaScript	Java	Golang	VueJS	Vite	GraphQL	Headless UI	Tailwind CSS	Jest	GitLab	Docker	Azure
RedHat OCP	Figma											

Software Engineer, IPIC Pty Ltd, George & Matilda, VIC, Australia

Sep 2021 – Nov 2023

- Developed finance investigation portal reducing unresolved issues by **80%**, decreasing resolution time from **8 months to 3 weeks**.
- Built React clinical appointment system with GraphQL/Prisma/tRPC backend and custom design system.
- Managed CI/CD pipelines using Bitbucket and Docker.
- Partnered with finance, product, and design teams to align solutions with business objectives.

TypeScript	ReactJS	NextJS	AngularJS	GraphQL	tRPC	Prisma	Tailwind CSS	Jest	Storybook	Bitbucket	Docker
Figma											

Engineering Intern, Rose Plastic, VIC, Australia

Sep 2018 – Sep 2020

- Supported system maintenance, data analysis, and requirements gathering for product development.

Data Analysis	System Maintenance	Security	SOP Development	Requirements Gathering	Agile
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TECHNICAL SKILLS

LANGUAGES: TypeScript, JavaScript, Golang, Java, Python, SQL

FRONTEND: React, Vue, Next.js, Angular, Apollo Client, Tailwind CSS, Jest, Cypress, React Testing Library, Storybook

BACKEND: Node.js, Express, Spring Boot, GraphQL, gRPC, Protocol Buffers, RESTful APIs

DATA: MySQL, PostgreSQL, MongoDB, Redis, Kafka, TypeORM, Prisma

INFRASTRUCTURE: Docker, Kubernetes, AWS, Azure, Jenkins, Sentry, Datadog, Git, GitHub, GitLab, Bitbucket, OpenShift

OTHERS: Ginkgo, Mockery, Vitest, Microservices, Design Patterns, Design Systems, GitHub Actions, Flask, Django, Ansible, Firebase, Monorepo, Vercel, CouchDB, R, C, Swift

EDUCATION

Master of Data Science | The University of Melbourne

2022 – 2025

Full Scholarship. Specialized in NLP, ML, Applied AI, completed part-time while working full-time.

Bachelor of Software Engineering (Honours) | Monash University

2018 – 2021

Published: IEEE COMPSAC 2022

ADDITIONAL INFORMATION

Member, Chinese Association of Professionals and Scholars Australia	2022 – Present
Global Game Jam Participant: Challenge Accomplishment Certificate in 3-day game development hackathon	2023
NexStar Melbourne-Nanjing Sprint Pitch Competition: Second Prize and Startup's Choice Award recipient	2022
AREAS OF INTEREST: AI integration, developer tools, system architecture, workflow automation, language models	
LANGUAGES: English (Bilingual), Mandarin Chinese (Native), Shanghainese	
