

Ivan Chan

Full-Stack Engineer | React, TypeScript, Node.js | AWS Serverless | SQL | SaaS

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STATEMENT

Full-Stack Engineer with end-to-end ownership of production SaaS platforms, specialising in React, TypeScript and AWS serverless architecture. Proven track record of delivering measurable commercial impact, including 5% contribution to total financial requirements, 20% increase in deal conversion, and 40% uplift in monthly commissions through scalable, production-grade systems.

Currently the sole engineer behind [FinanceGuru](#), a business-loan comparison SaaS, leading system architecture, cloud infrastructure, and full-stack delivery within a regulated financial services environment. Previously delivered high-impact frontend systems for enterprise clients and founded [VibeTeach](#), an AI-powered SaaS that automates teaching material creation and saves educators up to 10 hours per week. Currently developing a React Native mobile application. I hold full UK working rights with no sponsorship required.

TECHNICAL SKILLS

Language:	JavaScript (ES6+), TypeScript, SQL, Python
Frontend:	React, Next.js, React Query, Zustand, Redux, Jest, AngularJS, TailwindCSS, Bootstrap, Material UI
Backend:	Node.js, Express.js, REST APIs, Supabase, Firebase, MongoDB, Django
Cloud & APIs	AWS(S3, Redshift, Lambda, EC2, SNS), Google Cloud, Stripe, OpenAI API
Tools:	Git, GitHub, GitLab, CI/CD, Postman, Vite, Gulp, Jira, Slack, Charles Proxy
Additional:	React Native, Expo, Zoho CRM, Sanity CMS, Electron, FFmpeg, Socket.IO, Passport.js, Three.js, Gridstack

WORK EXPERIENCE

Full Stack Developer | Portman Finance Group | Northampton | Jul 2024 – Present

Tech: TypeScript, React, Node.js, AWS (Lambda, S3, Redshift), Zoho, Sanity CMS, SQL, Zustand, TailwindCSS

- Led technical decision-making for [FinanceGuru](#), a production business-loan comparison SaaS, owning system architecture, full-stack development, cloud infrastructure, and deployment as the sole engineer, contributing 5% of total financial requirements within its initial rollout period.
- Reduced underwriting response times by 50% by designing and implementing a production-grade, serverless AWS data pipeline (Lambda, S3, Redshift) to ingest and process Creditsafe data, integrated directly with Zoho CRM.
- Increased deal conversion by 20% and monthly commissions by 40% by building and maintaining 6 custom Zoho CRM widgets and automations, streamlining sales and underwriting workflows and reducing manual processing.

Frontend Developer | Evolok | London | Dec 2022 – Jul 2024

Tech: Javascript, AngularJS, Bootstrap, Java, Git, Gulp, Jira, Slack, Gridstack, Charles

- Increased user engagement by 30% by delivering reusable, modular features, including social authentication, product selection templates and dynamic address layouts across multiple client.
- Reduced ongoing engineering effort by designing and building a drag-and-drop, multi-column dashboard, enabling clients to configure and manage widgets without developer involvement.
- Improved platform interaction by 25% by collaborating across multiple client projects to deliver consistent, performant, and accessible UIs, incorporating client feedback and performance optimisation best practices.

Frontend Developer | Krystal Institute | Hong Kong | Jul 2022 – Aug 2022

Tech: TypeScript, React, Redux, Jest, Node.js, Express.js, MongoDB, TailwindCSS, Python, Django, GitHub

- Improved platform usability and stability by redesigning key areas of the [Krystal Education Platform](#) and resolving a critical React Router navigation issue, restoring reliable user flows.
- Enhanced multimedia delivery and accessibility by building and integrating a custom web video player supporting multiple audio tracks, improving content flexibility for educational use cases.
- Contributed to full-stack feature development across multiple platforms using React, Node.js, MongoDB, and Django, collaborating within a cross-functional engineering team.

PROJECTS

Founder & Full Stack Engineer – VibeTeach

Tech: TypeScript, React, Zustand, Jest, TailwindCSS, Node.js, Firebase, OpenAI API, Stripe

- Built and launched [VibeTeach](#), an AI-powered SaaS platform that generates complete teaching materials (lesson plans, slides, worksheets, quizzes) in a single workflow, saving educators up to 10 hours per week.
- Owned end-to-end system design and implementation, delivering a React with TailwindCSS frontend, a Node.js backend, OpenAI-driven content generation, and Stripe-based subscription billing, including authentication, usage controls, and production readiness.

EDUCATION

Certificate in Frontend Web Developer

City University of Hong Kong

Postgraduate Diploma in Education (Liberal Studies, Chinese History)

The Chinese University of Hong Kong

Bachelor of Social Science (Hons), Government and Public Administration

The Chinese University of Hong Kong

Hong Kong Diploma of Secondary Education

5*: Chinese Language, Mathematics, Chemistry; 5: Biology, Liberal Studies

LANGUAGES AND SKILLS

Language: Native Cantonese, Fluent English, Fluent Mandarin
 Additional: Full UK Driving License(Own Vehicle)