Ivan Chan

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

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STATEMENT

Senior-leaning Full-Stack Engineer with end-to-end ownership of production SaaS platforms, specialising in React, TypeScript, Node.js and AWS cloud architecture. I hold full UK working rights.

Currently the sole engineer behind FinanceGuru, a business-loan comparison SaaS, where I am responsible for system architecture, cloud infrastructure and feature delivery across a React/TypeScript frontend and a serverless AWS backend integrated with Zoho CRM and Sanity CMS. My work has directly driven measurable commercial impact, including a 20% increase in deals won, 40% uplift in monthly commissions, and a 50% reduction in underwriting response times through a real-time AWS data pipeline.

Previously at Evolok, I delivered reusable UI systems and a drag-and-drop dashboard used across enterprise clients, improving engagement by 30% while reducing ongoing engineering effort. Alongside this, I build and ship my own products, including VibeTeach, an AI-powered SaaS that auto-generates teaching materials in one click, helping educators save up to 10 hours per week. I am currently developing a production-focused React Native mobile app.

TECHNICAL SKILLS

Language:	JavaScript (ES6+), TypeScript, SQL, Python
Frontend:	React, Next.js, Zustand, Redux, Jest, AngularJS, Tailwind CSS, Bootstrap, Material UI
Backend:	Node.js, Express.js, REST APIs, Supabase, Firebase, MongoDB, Django
Cloud:	AWS(S3, Redshift, Lambda, SNS), AWS Serverless, CI/CD, Stripe, OpenAI API
Tools:	Git, GitHub, GitLab, Postman, Vite, Gulp, Jira, Slack, Charles Proxy
Other:	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, Tailwind CSS

- Sole engineer with end-to-end ownership of FinanceGuru, a production business-loan comparison SaaS, responsible for system architecture, development, deployment and ongoing reliability.
- Designed and implemented a production-grade serverless AWS data pipeline (S3, Redshift, Lambda) integrated with Zoho CRM to process Creditsafe financial data, reducing underwriting response times by 50%.
- Built and maintained custom CRM automation through 6 Zoho widgets, streamlining sales workflows and contributing to a 20% increase in deals won and 40% uplift in monthly commissions.
- Acted as the primary technical decision-maker, balancing delivery speed, scalability and maintainability in a regulated fintech environment.

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

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

- Delivered reusable, modular UI features including social authentication, product selection templates and dynamic address layouts, driving a 30% increase in user engagement across client platforms.
- Designed and built a drag-and-drop, multi-column dashboard using Gridstack, enabling enterprise clients to configure widgets without developer support and reducing ongoing engineering effort.
- Collaborated across multiple client projects to deliver consistent, performant UIs, improving platform interaction by 25% and receiving strong client feedback.

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

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

- Redesigned and stabilised key areas of the Krystal Education Platform, improving usability and resolving a critical React Router issue affecting navigation reliability.
- Built and integrated a custom web video player supporting multiple audio tracks, enhancing multimedia delivery for educational content.
- Contributed to full-stack feature development across multiple platforms using React, Node.js, MongoDB and Django.

PROJECTS

Founder & Full Stack Engineer – VibeTeach

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

- Built VibeTeach, an AI-powered SaaS platform that generates complete teaching materials in one click (lesson plans, slides, worksheets, quizzes), saving educators up to 10 hours per week. Developed the full-stack system with React and Tailwind CSS on the frontend, and a Node.js backend integrated with OpenAI for content generation and Stripe for subscription billing.

EDUCATION

Certificate in Frontend Web Developer

City University of Hong Kong | Jan 2022 – Jun 2022

Postgraduate Diploma in Education, Liberal Studies (Minor: Chinese History)

The Chinese University of Hong Kong | Sep 2018 – July 2020

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

The Chinese University of Hong Kong | Sep 2013 – July 2017

Hong Kong Diploma of Secondary Education (2013)

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)