

Full-stack engineer with 6+ years of experience building scalable applications and developer tools, specialising in AI integration, blockchain, and cross-platform mobile apps. Proven track record in leading projects from ideation to deployment.

TECH/FRAMEWORKS

Typescript, Javascript, Python, NodeJs, Deno, VueJs, Weaviate, React, React Native, Electron, Django (Python)

LANGUAGES

Native English, Mandarin & Cantonese speaker. Fluent in Japanese (JLPT N2 158/180)

EXPERIENCES**FEB 2023 - PRESENT: LONGVIEW LABS**

Software Engineer, Full-time (Remote)

<https://www.longviewlabs.co/>

- ▶ Served as sole engineer in a lean 5-person R&D team, leading development on AI and blockchain-based products. Worked with cutting-edge blockchain tech (**AO/Arweave**) and modern full-stack development (Backend: **nodejs/deno**, Frontend: **vuejs/nuxtjs**)
- ▶ **AODevBot** - Built an AI dev assistant with a custom Backend handling LLM orchestration (input sanitisation, rate limiting, OpenRouter integration) and real-time Frontend. Integrated Weaviate to power RAG functionality and synced a json-based knowledge base via GitHub Actions.
- ▶ **MyXSite** - Created an AI-powered tool that generates personal websites from X (Twitter) profiles, powered by a toolchain of context-aware AI calls (tweets, profile, website parsing).
- ▶ Contributed to various open source software (**NuxtJS**, **permaweb-cookbook**, **strapi-provider-upload-arweave**)
- ▶ Spoke at virtual and in-person events including the Arweave Asia event in Singapore, presenting publicly about the Arweave/AO tech and development. (**YouTube**)

MAY 2022 - PRESENT: SVG EDITOR (IOS, ANDROID)

Sole Designer & Developer, Personal Project

<https://devchanq.github.io/thumbnailab-site/>

- ▶ Designed and launched a cross-platform vector graphic editor optimised for mobile UX, addressed a market gap for mobile-first, Figma-style vector editing
- ▶ Achieved 10,000+ installs across Google Play and App Store.
- ▶ Implemented custom native code for cross-platform font management for both iOS and Android.
- ▶ **react-native-svg-editor**, the engine that powers the SVG editing was built separately as its own library, and it's open source.

JUN 2018 - MAY 2022: ENKAI INTERNATIONAL (START UP)

Full-Stack Developer, CTO

- ▶ Worked on international goods trading management system
- ▶ Backend API built with Django REST framework, Frontend with VueJs that consumes the Backend-.
- ▶ Had experience applying for y-combinator

2017 - 2018: JAILBROKEN IOS TWEAK

Personal Project

<https://github.com/DevChanQ/pikabu>

- ▶ Reverse-engineered iOS SpringBoard to create a custom minimal volume HUD for jailbroken devices (pre-iOS 12).
- ▶ Leveraged dynamic libraries and runtime method swizzling to override system behaviour.

EDUCATION

Sep 2015 - May 2016:

Information Technology in Organisations – University Of Southampton (UK)