Stanley Liu

Software Developer

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SKILLS

Backend: Ruby on Rails, RSpec, PostgreSQL, Sidekiq, AWS, Cloudflare, Github Actions, Docker, Elasticsearch, Redis

Frontend: JavaScript/TypeScript, Vue.js (Vue 3), Svelte, Storybook, React, Vite, Webpack, Tailwind, SCSS, Jest, Cypress

Tools and Software: Github, Cursor, Gemini CLI, Figma, Datadog, Postman, CircleCI, Sentry, Amplitude, Segment

EXPERIENCE

CIBC, Toronto, Canada *(Feb 2026 to Present)* - **Application Developer**

- Led frontend feature development on new initiatives for Simplii Financial; planning sprints, overseeing work undertaken by other colleagues and collaborating closely with QA and analysts to remove blockers and drive progress.

eSentire, Waterloo, Canada *(Oct 2024 to Jul 2025)* - **Prototype UI Developer**

- Worked in concert with other departments to translate ambiguous business requirements using Vue and TypeScript, into internal tools, including interactive, information-heavy dashboards and customised rich text editors.
- Led the development of AI-integrated applications, including a service provider catalogue which parsed PDFs using spaCy and FastAPI, and a scalable internal workflow builder for automating internal procedures via Vue Flow.
- Presided over continuous improvement initiatives to improve code quality and processes: introduction of PR templates, CI via GitHub actions, writing technical documentation and contributing reusable components to the design library.
- Led workshop sessions aiming to coach backend developers in JavaScript fundamentals and frontend design patterns.

Squaredance, Toronto, Canada *(May 2023 to July 2024)* - **Software Developer**

- Helped ideate and worked on new features in Vue and TypeScript for a SaaS affiliate marketing platform, including a new notification system and profile pages for users, together with Product and Design.
- Took ownership of testing, implementing new end-to-end and unit tests via Cypress and Vitest to cover critical flows.
- Triaged incidents and performance bottlenecks with Datadog as the on-call incident commander, responsible for production reverts, communication with clients and rapid coordination with the rest of the engineering team.
- Introduced new workflows with the aid of Slack and the Linear API for the Customer Success team to streamline and surface their tickets more effectively, resulting in 30% reduced turnaround time for customer issues.

BridgeU, London, UK *(July 2021 to April 2023)* - **Web Developer**

- Worked in a close-knit, cross-functional engineering, design and product team to undertake end-to-end feature work, resolving technical debt and scaling a full stack monorepo, using Vue, HAML, Ruby on Rails and PostgreSQL.
- Implemented a full stack, performant background job system via Sidekiq, PostgreSQL and Redis, optimizing queries for scalability, and transforming data belonging to hundreds of students into an easily downloadable file format.
- Design and implementation of A/B tests for new features, in conjunction with Marketing, Product and Sales. Refined approach iteratively through top-level analysis using Segment and longer-term trends using BigQuery and Looker.
- Interviewed and mentored associate developers to build their technical and soft skills navigating day to day work.

UNEP-WCMC, Cambridge. UK *(April 2020 to July 2021)* - **Web Developer**

- Worked with Vue.js, semantic HTML and Foundation SCSS, as well as PostgreSQL, PostGIS and Rails on the backend, on bespoke, responsive websites for both internal clients and external NGOs.
- Collaborated closely with technical and non-technical stakeholders, ranging from project managers to technical leads, to translate complex concepts into simple terms during project meetings and sprint kick-offs.
- Participated in detailed code reviews, pair programming sessions and ensured front-end code was well-maintained.

EDUCATION

Le Wagon London *(Jan 2020 – March 2020)* - **Fullstack Web Development**

Imperial College London, UK (*2011-2015)* - **Materials Science and Engineering (MEng)**