

Ian Yang

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Work Experience

SELECT Labs Inc

Toronto, Ontario

SENIOR PRODUCT ENGINEER

Apr 2025 – Present

- Owned redesign of usage groups experience consolidating fragmented spend allocation workflows into a unified interface including a net-new uncategorized spend manager eliminating multi-step navigation. Crafted Snowflake queries to power visual spend categorization breakdowns.
- Built favorites & folders system from 0-1 with lexicographic ordering, optimistic updates, drag-and-drop 2D list management, and integration with other internal features, to improve manual bookmarking workflows across all product surfaces.
- Owned edit flow for monitors experience redesign on a 4-engineer team, implementing form state management, validation logic, API integration, and contextual navigation from monitor previews to editable form sections, improving flexibility and usability of data observability alerts.
- Changelogs:** Usage Groups Redesign | Favorites & Folders | Monitors Experience Redesign

Faire Wholesale Inc

Toronto, Ontario

SOFTWARE ENGINEER II

Nov 2021 – Apr 2025

- Drove a **50%** increase in mobile app installations by leading full-stack development of contextual nudges on high-traffic pages, optimized user flows, and collaborating with product designers. Partnered with infrastructure teams to mature Conductor and Builder.io platforms, improving scalability. Conducted end-user studies to inform data-driven design decisions.
- Reduced monthly shipping costs by **>65%** by transitioning a free shipping subsidy to a co-funded subsidy program, leading a **4-engineer** frontend team over a **3-quarter** implementation. Collaborated cross-functionally with the Insider team via bi-weekly syncs and engineering design docs.
- Increased Open With Faire applications by **>35%** by redesigning the application form to include soft credit checks and reduce friction, leading a **2-engineer** team. Contributed to the development of V2, automating the underwriting process using a third-party credit reporting API to improve efficiency and scalability.
- Improved marketing email subscription rates by **10%** by implementing an email opt-in nudge on the front page, leading a **2-engineer** team. Collaborated on engineering design docs to plan for future SMS opt-in functionality, to ensure scalability.
- Mentored **2** co-ops to achieve top performance scores by creating growth plans, conducting weekly 1:1s, and guiding them as they led and launched significant projects.
- Streamlined team-owned user journeys by auditing event tracking and end-to-end test coverage, creating a roadmap to address gaps, and delegating tasks across a **3-engineer** frontend team.

JANA Corporation

Aurora, Ontario

SOFTWARE ENGINEER II

Aug 2020 – Nov 2021

- Led and mentored a **5-engineer** frontend team by directing, planning, and developing flagship enterprise software Lantern to meet multiple version release deadlines, generating **\$3+ million** annually in licenses.
- Led and organized sprint retrospectives, strengthening team cohesivity, communication, and planning by empowering the team to make continuous and procedural improvements through actionable items.
- Reduced development time by **25%** by coupling processes and hand-offs between Lantern developer/QA teams.
- Minimized PR lag by **35%** by collaborating with frontend team members to consolidate workflows and processes.

Skills

Languages	TypeScript/JavaScript (ES6+), Python, Kotlin, HTML/CSS
Frontend	React (Hooks, React Query, MobX, Redux), Tailwind, styled-components, Sass, Storybook
Backend & Data	FastAPI, SQLAlchemy, Pydantic, Alembic, PostgreSQL, MySQL, RESTful APIs
Tooling	React Testing Library, Jest, E2E (Cypress, Playwright), Pytest, Git, CI/CD (GitHub Actions, Jenkins), Figma, Jira

Education

University of Toronto, St. George Campus

Toronto, Canada

HONORS BACHELOR OF SCIENCE IN COMPUTER SCIENCE & STATISTICS

June 2020