

# Yash Kadaru Engineer | Designer

+1 647-782-3531  
hello@yashkadaru.com  
yashkadaru.com

**Highlights** 10+ years experience building software that embodies thoughtful design, clear purpose, and skillful engineering. I'm eager and quick to learn, creative in my work, and a thoughtful communicator and mentor.

**Proficient Technical Tools** Javascript (e.g. Typescript, React, React Query, Zod, Zustand, Node.js, Express), CSS (e.g. PostCSS, Tailwind, SASS), Databases (PostgreSQL, MongoDB, MySQL), pnpm/npm, Bundling & Task Runner Tools (Webpack, ESBuild, Vite, Turborepo), DevOps (CircleCI, Github Actions, GitlabCI, Codeship), Docker, NGINX, Testing (Playwright, Vitest, Jest, Storybook, Cypress), Hosting & Cloud Infrastructure (GCP, Vercel, AWS), DX (Postman, Sentry, PostHog), Mail (Sendgrid, Mailgun), Payment services (Stripe, Braintree), Design (Figma, Sketch)

## Freelance and Personal Projects

### Pigeon

A simplified, efficient take on the traditional IT Help Desk that I pitched, designed, and developed at my first job (2015) [PHP, SQL, HTML/Sass, JS]

### Cahoots Theatre Company

Rebranded, designed, and developed the website for a well-known Toronto theatre company. (2023) [Webflow CMS, Sketch]

### Matcha

Pitched a service that uses data science to intelligently match restaurants & suppliers to other similar entities to reduce food waste. Won 3rd place in FinTech challenge at Elevate Tech Fest (2020) [React, Tailwind, Firebase]

## Experience

### Lead Software Engineer | Validere

March 2023 - October 2025

Started as a Senior Engineer and got promoted to **lead/support** the front-end engineering team, **partnering very closely** with the Technical Lead Manager, Design, and Product teams, to build all our customer-facing and internal apps on the web and mobile, which was all housed in a monorepo. **Scoped out the front-end teams' very first roadmap stretching over 4 years**, and implemented foundational improvements and initiatives since joining with **meticulous planning and scoping to win the company as a whole, millions of dollars in revenue**. Many of them also helped improve DX significantly (e.g. build infrastructure improvement work improved build times by **64%**. One cornerstone was overhauling CircleCI configuration to allow parallel builds for only packages/apps that had code changes). Built several key features over the years that has **hundreds** of users every day, including **creation of a new app** using Next.js. **Led** a significant auth migration project with **no downtime**. Helped significantly build and improve our component library and setup/wrote very first interaction tests for them, with **deep care for a11y and UX**. Built **package deployment architecture** using Changelists and Github Actions that **greatly improved iteration speed and auditability**. **Pitched/built** a new email package to **speed up development of emails**, integrated it with the back-end through a new email service, and **re-designed** all transactional emails. **Pitched/built** visualization components using Recharts, Radix, and Tailwind. Built new E2E testing infrastructure using Playwright. Implemented better type safety during compile-time with a **deep expertise in Typescript**, during run-time with new Zod-based schemas and respective types, and a new error reporting architecture using Modern Errors to fallback on. Implemented adapter patterns to help communicate with all our APIs in a **standardized way** and leveraged Mock Service Worker along with Faker and Zod to **speed up creation of integration and unit tests**.

### Senior Software Engineer | Swift

July 2022 - March 2023

**Orchestrated** and executed **three major projects** to build on initial product launch (shipment management, invoices and reports, tracking page revamp), **meeting a six-week deadline** through **meticulous project management, team management, and engineering**.

### Software Developer II & Educator | Konrad Group & BrainStation

May 2018 - May 2022

Developed several Shopify-powered storefronts and contributed to two **component library** Angular projects for the **Royal Bank of Canada**. **Taught two, three-month Web Development Bootcamps** at BrainStation, with an overall **4.8/5 educator rating**. Created **original** lesson plans, lectures, workshops, take-home projects, and whiteboard exercises which Educators continue to use today. **Contributed to BrainStation's broad technology portfolio**, including their flagship LMS (Synapse), Internal CRM and administration dashboard (Cortex), Marketing Site, and Annual Digital Skills Survey. **Led a project** to build a **publishing platform**, which empowered creation of **thousands** of articles on BrainStation Magazine and **hundreds** of Career and Reference Guides that collectively get over **100,000 page views per month**.

### Software Developer | Ian Martin Group & Fitzii

May 2016 - August 2017

**Built automation infrastructure** that was **critical** in **improving efficiency and employee/contractor satisfaction**. **Managed projects from design to implementation**, balancing the needs of four different stakeholders. **Built a career portal** powered by Angular (careers.ianmartin.com), **increasing candidate engagement (84%)** compared to previous WordPress site. Built an automated system that sent out company-funded redemption codes to contractors, allowing them to donate to various charities through the Kiva platform (**60% increase** in loans lent. Beat Google in loans/month on Kiva). **Built a privacy consent tracking system** in React. **Leveraged Ruby on Rails** to contribute to Fitzii, an HR platform powered by research from the University of Toronto. Built **integrated job board customization** features and a **major PostgreSQL back-end integration** with B-Corp.

### Software Developer & IT Assistant | McMaster University

November 2014 - May 2016

**Maintained existing apps** for move-in, move-out, department inventory, and residence tours and **maintained IT infrastructure for five sub-departments**. **Designed** Welcome Week Info Cards and Move-In Schedules used by **thousands of students**. **Pitched/built new** remote monitoring system for the residence content management system, which **increased uptime by 25%**.

## Education

### Bachelor of Engineering, Software Engineering & Co-op | McMaster University

September 2013 - 2019

**Awarded** entrance scholarship and bursaries in second and third year for **high academic standing**. Active participation in intramural sports for **four** years.

## Special Interests

**Adjudicated** the Canada-Wide Virtual Science Fair for the Technology category - **2021**

Attended several **Hackathons** (Hack the North, YHacks, DeltaHacks, Elevate - 3rd place winner) - **2014, 2015, 2016, 2020**

**Volunteered** for the Deltahacks Management Team and helped start McMaster's first technology club, HackItMac - **2015**