

Matthew Francis

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EXPERIENCE

Lightspeed | Frontend Software Engineer II

Toronto, Canada | Jun 2022 – Present

- Contributed to the development of a point of sale system in X-Series team that impacts over 130,000+ enterprises including Sony, Nordstrom, and Hudson Bay with **React, Angular, Typescript, JS, HTML, CSS, SCSS, Apollo, GraphQL, React Testing Library, Jest, Docker, Cypress**.
- Launched a core feature for 60,000+ merchants to track their services and control what's occurring in their shops.
- Optimized checkout experience for customers that impacts 35 billion transactions per year by engineering a solution for sales to be finalized from other microservices.
- Revitalized a personalized discount product to elevate customer conversion for over 100,000+ merchants with the incorporation of in-demand features and a streamlined UX flow.
- Pioneered translating the application with **Transifex** to multiple languages to expand user accessibility in European and Latin American markets.

Starty | Co-Founder & Full-Stack Software Engineer

Waterloo, Canada | Dec 2021 – Present

- Led a team of 4 to engineer and grow a beta platform that evolved into a non-profit for fostering student collaboration with an outreach of over 150+ registered students with **Next.js, Typescript, JS, HTML, CSS, React Testing Library, Jest, Node.js, Express.js, PostgreSQL, Liquibase, Figma, Lighthouse, axe, GitHub Actions**.
- Collaborated with 5 mentors in an incubator to guide the development of a business plan; conduct market research and discovery sessions with 350+ people; and secure seed funding through early-stage investments.

GBC Notary | Frontend Software Engineer (Contract)

Jakarta, Indonesia | Jan 2022 - May 2022

- Elevated outreach by revamping website with remote team that represents the notary for over thousands of businesses including billion-dollar Asian companies like Ancol Dreamland and Agres ID with **React, Typescript, JS, HTML, CSS, SCSS, React Testing Library, Jest, axe**.

Habanero | Frontend Software Engineer Intern

Toronto, Canada | Sep 2021 – Jan 2022

- Enhanced client relationships by developing a gratitude-themed application with GO team for 70+ enterprises such as Petro Canada, Herschel, GTAA with **React, Typescript, JS, HTML, CSS, SCSS, React Testing Library, Jest**.
- Increased outreach by over 25% and improved user experience through user-accessibility design with **axe**, boosting SEO ranking to top results, integrating social media sharing feature.
- Raised engagement rates by over 15% using dynamic animations with **React-Spring** and accelerated performance by 2x with lazy loading, minifying, compression, and **Lighthouse**.

Badal | Full-Stack Software Engineer Intern

Toronto, Canada | May 2021 – Sep 2021

- Constructed a Shopify application with Retail team that facilitates sales for stores which caters to over 200,000+ clients with **React, Redux, Typescript, JS, HTML, CSS, SCSS, React Testing Library, Jest**.
- Improved backend scalability and performance by over 33% through database normalization, database indexation, SQL query optimization, and designing a microservice with **PostgreSQL, Node.js, Express.js, Docker**.

Laurier Computing Society | Lead Software Engineer

Waterloo, Canada | Sep 2020 – May 2021

- Assisted an industry-hired software engineer in guiding the team to develop an application to showcase the University's Computer Science program for over 3,000+ annual applicants with **React, Typescript, JS, HTML, CSS, SCSS, React Testing Library, Jest, Cypress**.

EarthSuds | Frontend Software Engineer

Waterloo, Canada | Sep 2019 – Jan 2020

- Engineered a Shopify application with the team to market and sell environmentally friendly-cleansing hygiene products that increased sales growth of 15% with **React, JS, HTML, SCSS, CSS, React Testing Library, Jest**.

EDUCATION

Wilfrid Laurier University (Computer Science GPA: 3.9/4)

Waterloo, Canada

Honours Bachelor of Science, Computer Science

2018 - 2023

TECHNICAL SKILLS

Frontend: React, Next.js, Angular, React-Spring, Redux, Apollo, Typescript, React-Testing-Library, Enzyme, Jest, HTML, SCSS, BEM, CSS, Bootstrap, JS, Figma, Lighthouse, axe, Android Studio

Backend: Docker, CI/CD, Node.js, Express.js, PostgreSQL, MongoDB, GraphQL, Liquibase, Java, Python

Tools: Git, Lighthouse, Postman, TravisCI, GitHub Actions, Shopify, Transifex, Datadog, Raygun, Redash