Matthew Francis

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EXPERIENCE

Lightspeed | Toronto, ON – Software Dev Engineer II (Frontend)　　　　　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, React Testing Library, Angular, Jest, Typescript, SCSS, BEM, Docker, AWS, Cypress, GraphQL, Apollo, TravisCI, Jenkins.**
- Launched a main feature for 60,000+ merchants to track their services and know what's occurring in their shops.
- Enhanced checkout experience for customers that impacts 35 billion transactions per year by engineering a solution for sales to be finalized from other microservices and pages.
- Shipped UI changes to 100,000+ merchants relying on a service that lets them guarantee customer prices.
- Pioneered translating the application with **Transifex** to multiple languages to expand user accessibility in European and Latin American markets.
- Integrated analytic alerts for engineers and product managers to track potential problems and user behaviour events in the front end using **Datadog, Raygun, Redash.**

[Starty](#) | Waterloo, ON – Co-Founder & Full-Stack Software Engineer　　　　　Dec 2021 – Present
- Engineered and managed a team of 4 in creating a social platform for students to collaborate on ventures and projects with an outreach of over 100+ beta testers with **Next.js, React-Spring, Typescript, SCSS, BEM, Express.js, PostgreSQL, Liquibase, Lighthouse, axe, GitHub Actions.**
- Collaborated with 5 mentors in accelerator to challenge decisions, address market research and pivot on ideas; and conducted market research with over 160+ people to consolidate on decisions, get insights, and prevent biases.
- Led team in engineering, product strategy, design, marketing, roadmap with **Agile, JIRA, Confluence, Figma.**

Habanero | Toronto, ON – Frontend Software Engineer Intern　　　　　Sep 2021 – Jan 2022
- Enhanced client relationships by developing a holiday-themed web application with GO team for 50+ enterprise clients including Petro Canada, Herschel Supply Co, GTAA with **React, React Testing Library, Jest, React-Spring, Typescript, SCSS, BEM, Lighthouse, axe, Azure DevOps.**
- Increased outreached by over 25% and improved time users spent on site through user-accessibility design for disabled users and legacy browsers with **axe**; raising SEO ranking to top results; building a feature for users to share content to social media; improving performance by over 50% with lazy loading, minifying, and compression.

Badal | Toronto, ON – Full-Stack Software Engineer Intern　　　　　May 2021 – Sep 2021
- Built the frontend and backend of a Shopify application with E-commerce team that automates sales for stores and 100,000+ users with **React, React Testing Library, Jest, Redux, Typescript, PostgreSQL, GraphQL, Express.js, Docker, SCSS, BEM, Lighthouse, axe, GitLab.**
- Improved backend scalability and increased performance by over 50% through database normalization, indexing databases, refactoring API, and designing a microservice with **Docker.**

Laurier Computing Society | Waterloo, ON – Lead Software Engineer　　　　　Sep 2020 – May 2021
- Contributed to development and led 15 team members with an agile framework that included weekly mentorship lectures, biweekly sprints and backlog refinement in designing and engineering a web application representing the institute for over than 1000+ university students with **React, SCSS, JS, Figma, Lighthouse, axe, GitHub Actions.**

PROJECTS

[Blizzard](#) – **React, React Testing Library, Jest, React Spring, Redux, Typescript, SCSS, JS**
- Re-built and animated Blizzard's site, known for games like Call of Duty. Users can browse pages for each game.

EDUCATION

Wilfrid Laurier University (Computer Science GPA: 3.9/4)　　　　　Waterloo, ON
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, Java, Python, Android Studio
Backend: Authentication, Database Normalization, Docker, CI/CD, Node.js, Express.js, PostgreSQL, MongoDB, GraphQL, Liquibase
Tools: Git, AWS, Gitlab, Azure DevOps, TravisCI, GitHub Actions, Shopify, Heroku, Vercel, Linux, Transifex, Datadog, Raygun, Redash, JIRA, Confluence, Slack, Microsoft Teams