Matthew Francis

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EXPERIENCE

Lightspeed | Toronto, ON – Software Dev Engineer II (Frontend)   Jun 2022 – Present

- Collaborating with team in an agile framework on engineering a "Point of Sale System" that impacts over than 100,000 entreprises including Sony, Nordstorm, Hudson Bay, and the Five Guys with **React, React Testing Library, Typescript, HTML, SCSS, BEM. CSS, JS, Docker, AWS, Cypress, GraphQL , TravisCI, Jenkins.**

[Starty](#) | Waterloo, ON – Founder & Full-Stack Software Dev Engineer   Aug 2021 – Present

- Collaborated with team for ideas, design and engineering to create a platform for students to collaborate with an outreach of over than 100+ beta visitors with **Next.js, React-Spring, Typescript, HTML, SCSS, BEM, CSS, JS, Express.js, PostgreSQL, Liquibase, Figma, 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 100+ people to consolidate on decisions and prevent biases.

Habanero | Toronto, ON – Frontend Software Dev Engineer   Sep 2021 – Jan 2022

- Collaborated with design, operations and engineering team in an agile framework to engineer a web application for over than 50+ enterprise clients including Petro Canada, Herschel Supply Co, GTAA with **React, React Testing Library, React-Spring, Typescript, HTML, SCSS, BEM, CSS, JS, Lighthouse, axe, Azure DevOps.**
- Increased app's user accessibility by over 15% through supporting disabled users and legacy browsers; and increased performance by over 50% with lazy loading, minifying, compression, and refactoring.

Badal | Toronto, ON – Full-Stack Software Dev Engineer   May 2021 – Sep 2021

- Collaborated with design, operations and engineering team in an agile framework to engineer a Shopify application that automates sales for stores varying from 1000+ products and users with **React, React Testing Library, Redux, Typescript, PostgreSQL, GraphQL, Express.js, Docker, HTML, SCSS, BEM, CSS, JS, Lighthouse, axe, GitLab.**
- Increased API and database performance by over 50% with normalizing and indexing databases; and refactoring.

Laurier Comp Sci Club | Waterloo, ON – Lead Software Dev Engineer   Sep 2020 – May 2021

- Mentored 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 for over than 1000+ university students with **React, HTML, SCSS, CSS, JS, Figma, Lighthouse, axe, GitHub Actions.**

EDUCATION

Wilfrid Laurier University (Computer Science GPA: 3.9/4)   Waterloo, ON
Honours Bachelor of Science, Computer Science   *Sep 2018 - Present*

PROJECTS

[Steam](#) – React, React Testing Library, Redux, Typescript, HTML, SCSS, CSS, JS, Express.JS, PostgreSQL

- Replicated Steam's website, the largest video game retailer for PC games. Users can browse for games and discounted games; add games to their cart; create, edit, delete reviews for games; authenticate; upload profile picture and edit their profile; Database is normalized to BCNF and is stored in PostgreSQ; Authentication is done with cookies, JWTs and refresh tokens while using security practices against XSS / CSRF attacks.

[Blizzard](#) – React, React Testing Library, React Spring, Redux, Typescript, HTML, SCSS, CSS, JS

- Replicated Blizzard's website, known for publishing games like Call of Duty and World of Warcraft. Users can view pages for each game. Used React Spring to create physics-based animations like accordion, image parallax, and card flip.

TECHNICAL SKILLS

Frontend: React, Next.js,React-Spring, Redux, 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, Microsoft Teams, Slack, Heroku, Vercel