Matthew Francis

[Portfolio](#) | 289-772-7465 | mattfrancis888@gmail.com | [LinkedIn](#) | [Github](#)

EXPERIENCE

[Starty](#) | Waterloo, ON – Founder & Full-Stack Software Developer Aug 2021 – Present
- Collaborated with team for ideas, business plan, marketing plan, and engineering to create a platform for people to collaborate with **GitHub Actions, Next.js, React-Spring, Typescript, HTML, SCSS, BEM. CSS, JS, Express.js, PostgreSQL, Liquibase, Figma, Lighthouse, axe.**
- Collaborated with mentors in accelerator to challenge decisions, address market research and pivot on ideas.
- Used **Git and GitHub Actions** to conduct code reviews, raised pull requests, pushed code, and operate CI/CD.

Habanero | Toronto, ON – Frontend Software Developer Sep 2021 – Jan 2022
- Collaborated with design, operations and engineering team to develop a web application for over a dozen of clients with **Azure DevOps, React, React-Spring, Typescript, HTML, SCSS, BEM, CSS, JS, Figma, Lighthouse, axe.**
- Involved in agile methodology that included biweekly scrum, backlog refinement, check-ins, QA, and retrospective.
- Used **Git and Azure DevOps** to conduct code reviews, raised pull requests, pushed code, and operate CI/CD.

Badal | Toronto, ON – Full-Stack Software Developer May 2021 – Sep 2021
- Collaborated with design, operations and engineering team to develop a Shopify application that automates sales for Shopify stores with over hundreds of products and users with **GitLab, React, Redux, Typescript, PostgreSQL, GraphQL, Express.js, Docker, HTML, SCSS, BEM, CSS, JS, Lighthouse, axe.**
- Involved in agile methodology that included biweekly sprints, backlog refinement and daily stand-ups.
- Used **Git and Gitlab** to conduct code reviews, raised pull requests, pushed code, and operate CI/CD.

Laurier Computer Science Club | Waterloo, ON – Lead Software Developer Sep 2020 – May 2021
- Led 15 team members in designing and engineering a web application for the club with **React, HTML, SCSS, CSS, JS, Figma.**
- Held weekly meetings to explain technology stack and version control with **Git**; used agile methodology that included biweekly sprints and backlog refinement; used **Git and GitHub Actions** to conduct code reviews, raised pull requests, pushed code, and operate a CI/CD pipeline.

EDUCATION

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

PROJECTS

[Steam](#) – React, Redux, Typescript, HTML, SCSS, CSS, JS, Express.JS, PostgreSQL, tested with React Testing Library
- 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.
- Data is normalized to BCNF and is stored in PostgreSQL. Authentication is done with cookies, JWTs and refresh tokens. Used security practices against XSS / CSRF attacks.

[Blizzard](#) – React, React Spring, Redux, Typescript; HTML, SCSS, CSS, JS, tested with React Testing Library
- 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.

[Kijiji](#) – React, React Spring, Redux, Typescript; HTML, SCSS, CSS, JS, tested with React Testing Library
- Replicated Kijiji's website. Users can create, edit, and delete their listing; upload a display picture to their listings, search listings based on category and location; view personally created listings; authenticate.
- Data is normalized to BCNF and is stored in PostgreSQL. Authentication is done with cookies, JWTs and refresh tokens. Used security practices against XSS / CSRF attacks.

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