

## Objective

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I'm a creative, helpful, pragmatic software developer specializing in TypeScript and front-end technologies but have no problem working on the backend. I approach coding with a commitment to cleanliness, practicality and fun. I'm driven by a user-first, problem solver mindset and want to elevate your product by making it outstanding, beautiful and performant.

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## Skillset

Expertise in TypeScript for both server-side API development (NodeJS, GraphQL, Apollo, Express) and client-side.

Excellent proficiency in React, Redux, Apollo, NextJS, and various front-end frameworks.

Strong focus on accessibility, web standards, and web performance optimization.

Proficient skills in database management, including large-scale Prisma migrations and Contentful integration.

Exceptional proficiency in testing principles (unit testing, TDD & E2E) using tools like React Testing Library, Mocha, and Chai .

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## Education

Langara College  
Electronic Media  
Design, Web  
Development ·  
2011 - 2012

Carleton University  
Bachelor of Arts,  
Political Science ·  
(2000 - 2005)

## ***Trustflight Inc. - Senior Developer***

*Summer 2022 - current*

**Vancouver, Canada / London, UK**

- Full stack responsibilities on large TypeScript/Apollo GraphQL/Prisma/Postgres/React/styled components application.
- Various responsibilities on database management, including large scale migrations on existing content and “one off” migrations scripts.
- Significant content editing features built with major usage and extending of Slate text editor.
- Helped introduce and integrate team to unit-integration testing/tdd principles for frontend architecture (React Testing Library, etc.).
- Strong focus on performance improvements; proper state modelling on form integrations with features.
- Mentoring for junior developers and code reviews — I’m always nice :)
- Google Cloud Platform/Gitlab/Docker/Kubernetes integrations.

## ***Loblaws/Deloitte - Senior Developer (contract)***

*Summer 2021 - Summer 2022*

**Toronto, Canada**

- Responsible for numerous large NextJS/React/Typescript/MaterialUI/SASS Module/ Contentful web applications.
- Responsible for significant model management through Contentful: maintaining in-house models and adding new models for various content needs.
- Responsible for constructing Contentful build processes that turn Contentful API data in formats that can be easily consumed by mostly NextJS static websites.
- Responsible for building/maintaining Contentful hooks that kick off various build processes so new content is viewable by users.
- Provided advice to management about needs for Contentful data plans and our various systems.
- Debugging Contentful issues with various stakeholders.
- Helped introduce and integrate team to Typescript.
- Strong focus on accessibility and web standards and performance.

## ***British Columbia Provincial Health Services Authority - Senior Developer (contract)***

*March 2018 - Summer 2021*

### **Vancouver BC**

- Responsible for large React/Typescript/GraphQL/Apollo single page web application using modern web practises.
- Application followed FHIR data modelling and is used for building dynamic questionnaires for Cardiac Services BC, collecting highly precise information related to BC hospital patients suffering heart attacks and strokes. Report generation, patient search/info, etc. was large part of application. Was also duplicated and repurposed into separate application for collecting COVID-19 information.
- Some Typescript server side development.

### ***HSBC Financial - Developer (contract)***

*March 2017 - March 2018*

#### **Vancouver, BC**

- Responsible for new frontend of chequeing account opening application Canada. React/Redux/ES2016 (so many reducers). Internationalization, interacting with Equifax APIS and writing clean LESS styles.
- Integration with Java backend, some code development done for backend features.

### ***Timeline - Senior Front-End Developer***

*July 2015 - March 2017*

#### **San Francisco, USA**

- General web developer trouble shooter on the front-end and some back.
- Responsible for launching numerous web apps/sites using many different technologies. React, Redux, Flux, ES5/6, Mocha/Chai, Angular, Backbone.jsNodeJS, express, SASS, SCSS, grunt, gulp, Webpack amongst many others internet website things.

### ***QuickMobile - Senior Front-End Engineer***

*July 2012 - July 2015*

#### **Vancouver, Canada**

- Full control of QuickMobile's entire front-end JavaScript and CSS/LESS.
- Marionette/Backbone/RequireJS flavoured features along with extensive use of JQuery and vanilla Javascript.
- Helped introduce selenium/WebDriverIO based functional test runner framework and also a framework for running unit tests using NodeJS, npm, Grunt, Jasmine.
- Deep organization required for many, many JavaScript files.

### ***Trapeze Media - Front-End Web Developer (contract)***

*January 2012 - July 2012*

#### **Toronto, Canada**

- Built websites for clients such as Royal LePage, Kraft and TSN. HTML, CSS, JavaScript, jQuery, Ajax, all on top of Django and Python.