

Organized, lifelong learner motivated by difficult challenges. Self-driven, and enjoys working independently and with teams. Uses a curated collection of libraries and automation tools to make development / testing / deployment more efficient.

## Experience

Elsevier

Amsterdam

Senior Full Stack Developer - Scopus Core Team

Feb 2020 - Present

- Perform technical interviews to grow the team. Mentoring and 1 on 1's for to improve team skills
- Involved in building a design system and shared component library to unify the user experience
- Involvement in major web stack migration to microservices and micro front-end technologies

Prodigy

Toronto

Lead Mobile Application Developer - Game

Mar 2019 – Sep 2019

- Build internal tools from feedback to dramatically improve mobile QA testing speed
- Improved mobile user experience and created a standard method for mobile-specific features
- Design and build automation pipelines for test builds, productions builds and deployment
- Facilitate cross-team collaboration to improve the mobile experience in all parts of the company

Senior Full Stack Developer - School Leader App

Jun 2018 – Mar 2019

- Primary role is to develop new features and improve the Admin/Principal user experience
- Create user management system to remove and invite new users to an Principal's school
- Develop several in-house tools to improve productivity including CI tool and Slackbots
- Trained and mentored for several junior and intermediate developers in the company

Novus Health

Toronto

Senior Frontend Developer

Oct 2017 – Jun 2018

- Support and maintain the existing Novus app. Includes a user-facing website and a custom CMS
- Designed a maintainable, reproducible app template that can be used across the Ingle product line. This dramatically reduced the amount of maintenance and bugs
- Create custom company-facing dashboard app with multiple sign-in routes, analytics and tools
- Train interns and other employees with pair programming and code reviews
- Promote extra curricular coding activities like running a team "Advent Of Code" scoreboard.

Self Incorporated Freelance

Canada, USA (On-Site and Remote)

Full Stack and Mobile Development

August 2011 – June 2017

- Full-time contracting including initial pitch meetings all the way through to final product
- Perform interviews and hiring to advice how companies should hire their teams
- Requirements gathering, design, proof of concept and mvp implementations
- Perform upgrades, maintenance or build new features to existing products
- Built Mobile Apps, Websites and Hardware projects involving GPS and Bluetooth
- Clients included IBM, NYPD, Syfy/Space Channel, NBC, Hatch, and many small startups, nonprofits and charities in the Toronto area

## Education

University Of Ontario Institute of Technology

Oshawa, Canada

Bachelor Of Science with Honours

2007 - 2012

- Computer Science with minor in Mathematics
- 16 Month Internship in Web Application Development at IBM
- Thesis involving concurrent, multi-core web crawling using Clojure

## Contact

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## Portfolio

mackbrowne.com  
github.com/mackbrowne

## Skills

Beautiful landing pages  
Responsive Design  
Agile and Kanban Methodology  
Git Flow  
Unit and E2E Testing  
Continuous Builds / Tests /  
Deploys  
Native and Hybrid Apps  
Single Page Apps  
REST API Development

## Frameworks

ReactJS

Hooks / Context

Redux

Styled-Components

Jest

Cypress

NodeJS

Typescript

GraphQL

Bootstrap

React-Native

Expo

Cordova

MeteorJS

Angular

## Services

AWS

Firebase

JIRA

CircleCI

Google Play

Itunes Connect

Stripe

Maps

OAuth

## Tools

Git

VSCode

Jenkins

Vim

Prettier

lighthouse

axe

cloc

## Languages

Javascript

Typescript

ES6

Java

Python

GraphQL

SQL

Clojure

C++