

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 micro services 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 tools and Slack bots
- 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 **advise** 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

info@mackbrowne.com
+31 061 773 5900
linkedin.com/in/mackbrowne

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++