

# Mackenzie Browne

Full Stack and Mobile Developer

Amsterdam

Organized, lifelong learner who likes difficult challenges. Self-motivated, enjoys working independently and with teams. Uses a curated collection of tools and automation to make development / testing / deployment efficient. Approaches problems holistically and pragmatically, solving real issues not just symptoms.

## Experience

### Nationale Nederlanden

Amsterdam

**Full Stack / Mobile Developer - Architecture and Innovation** July 2020 - Present

- Leadership in building a design system and shared component library in React Native
- Design and Develop a re-usable, standardized CI/CD pipeline for testing and deployment
- Perform technical and cultural interviews to grow our own and other teams across the company

### Elsevier

Amsterdam

**Senior Full Stack Developer - Scopus Core Team** Feb 2020 - June 2020

- Involvement in major web stack migration to micro services and micro front-end technologies
- Lead efforts to implement a shared design system for the brand
- Perform technical interviews to grow the team. Mentoring and 1 on 1's to improve team skills

### Prodigy

Toronto

**Lead Mobile Application Developer - Game** Mar 2019 – Sep 2019

- Improve mobile user experience and design a standardized method for mobile-specific features
- Lead project to design and build internal tools from feedback to improve mobile QA testing speed
- Design and build standardized techniques, automation pipelines for tests, builds and deployment
- Facilitate cross-team collaboration to improve the mobile experience in all parts of the product

**Senior Full Stack Developer - School Leader App** Jun 2018 – Mar 2019

- Develop several in-house tools to improve productivity including CI tools and Slack bots
- Perform lunch time tech talks. Train and mentor developers in 1 on 1 meetings

### Novus Health

Toronto

**Lead Frontend Developer** Oct 2017 – Jun 2018

- Support and maintain a commercial website, internal dashboard and CMS, authentication, analytics/testing.
- Designed a maintainable, reproducible white-labelled app template that can be used across the multiple product lines to dramatically reduced the amount of maintenance and bugs
- Train interns and other employees with pair programming and code reviews

### Self Incorporated Consultant

Canada, USA (On-Site and Remote)

**Full Stack, Mobile Developer and Architect** August 2011 – June 2017

- Full-time contracting. Initial requirements meetings through to final product, including maintenance and upgrades
- Built Mobile Apps, Websites and Hardware projects involving GPS, Bluetooth and VR
- Perform interviews for hiring and develop strategies to grow teams over time
- Clients included IBM, NYPD, Syfy/Space Channel, NBC, Hatch, many small startups, nonprofits in Toronto

## Education

### University Of Ontario Institute of Technology

Oshawa, Canada

**Bachelor Of Science with Honours**

2007 - 2012

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

## Contact

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linkedin.com/in/mackbrowne

## Portfolio

syrup.life

github.com/mackbrowne

mackbrowne.com

## Skills

Single Page Apps

Native and Hybrid Apps

REST Development

Continuous Integration

Unit and E2E Testing

Customer Facing Pages

Responsive Design

Agile, Kanban and Scrum

Git Flow and Monorepos

## 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 Apple Developer Stripe  
Maps OAuth Unity

## Tools

Git VSCode Jenkins Vim  
Prettier Lighthouse Axe

## Languages

Javascript Typescript ES6  
MongoDB Java Python GraphQL  
SQL Clojure C++