

# Pizza

## Full Stack and Mobile Developer

## Amsterdam

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

- Improve mobile user experience and design a standardized method for mobile-specific features
- Lead project to 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

- Create new features and improve the School Administrator user experience.
- 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

#### 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

### Self Incorporated Freelance

Canada, USA (On-Site and Remote)

#### Full Stack and Mobile Development

August 2011 – June 2017

- Full-time contracting. Initial requirements meetings through to final product
- Built Mobile Apps, Websites and Hardware projects involving GPS, Bluetooth and VR
- Long term maintenance, upgrades or new features to existing products
- Perform interviews for hiring and develop strategies to grow teams over time
- 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  
linkedin.com/in/mackbrowne  
github.com/mackbrowne

## 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

## Tools

Git VSCode Jenkins Vim  
Prettier Lighthouse Axe

## Languages

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