

Mackenzie Browne

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. Approaches problems holistically and pragmatically, solving real issues and not just symptoms.

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

Lead 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 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
- 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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linkedin.com/in/mackbrowne

Portfolio

what-to-do-in-
quarantine.web.app

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

Tools

Git VSCode Jenkins Vim
Prettier Lighthouse Axe

Languages

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