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 maintinence 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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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++`