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 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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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++`