

JAMES D. HAGEMAN

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Software Engineering | University of Waterloo | github.com/JamesHageman

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A highly focused software developer with advanced problem solving skills and an ability to create complex application architecture. A quick learner who absorbs new information easily with strength in rapidly prototyping a minimum viable product. Demonstrates, communicates and collaborates effectively in an agile team setting.

SUMMARY OF QUALIFICATIONS

- 4 years experience developing full stack, MVC web applications with React, Flux and AngularJS
- 4 years experience in backend development with Node.js, Websockets, PHP and SQL
- Strong focus on building abstractions and reusable UI components in JavaScript

PROFESSIONAL EXPERIENCE

Rangle.io

JavaScript Developer, Toronto Ontario

May 2016 - August 2016

- Developed a mission-critical e-commerce project for a major retail client with React, Redux, Redux-Saga and functional programming to make the frontend codebase modular, scalable and fast
- Composed APIs from a Product Database, a CMS, and other various APIs with a Node.js server
- Rendered the React app on the server side to increase SEO and time-to-interaction
- Synchronized between 5 teams in 4 locations in an agile scrum process delivering new working software every week
- Reduced bugs by maintaining 80% unit test coverage with continuous integration

Innovasium Digital

Full Stack Web Developer, Markham Ontario

Summers 2012 - 2015

- Facilitated onboarding sessions for Co-op Students teaching React, Redux and integration with Rails

PAAB Advertising Approval System (2013-2015)

- Modernized web application for PAAB that manages the submission, review and approval process for ~8000 advertising submissions/year for pharmaceutical industry
- Improved company's daily workflow by implementing real-time collaborative document annotation system with Node.js and Websockets
- Built 50+ screens for workflow, admin and reporting using AngularJS, a REST API with PHP and SQL

Plexus Promotional Gateway v8 (2015)

- Improved the performance and user experience of a legacy system that processes ~\$1M of samples and promotional items per year for top pharmaceutical companies
- Rebuilt the user interface as a React web application with a modern look and feel

Frontend Web Development Starter Kit (2015-react-stack on Github, open source)

- Modernized our web development process by combining React, Flux MVC Architecture, BabelJS, Webpack, jQuery, Bootstrap, LESS, ESLint, NPM into one package
- Used as a baseline for multiple portal projects for customer service, learning management, and ordering at Innovasium; made React the go-to tech stack at the company

EDUCATION

Candidate for Bachelor of Software Engineering - University of Waterloo

2015 - 2020

- President's Scholarship of Distinction for entrance average above 95%
- Made Dean's Honour List and the top decile in 1A

ADDITIONAL INFORMATION

- Passion for music performance – jazz/blues guitar, vocals, piano