Graham Nessler

Software Developer

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Summary

I am a former history professor and published author turned software developer. I am most knowledgeable about React, React Native, Redux, jQuery, and JavaScript (ES6 and ES5), though I have worked with many other technologies, including newer tools such as Electron. I believe that the core purpose of technology is to improve people's lives, and I am continually pushing myself to learn new skills.

Skills

Languages: JavaScript, CSS, HTML, SQL, Java, Bash

Frameworks: React.js. React Native, Next.js, Ember.js, Angular.js

Libraries: MobX, Redux, jQuery, Express.js, Sass, HTML5 Canvas, Selenium, Jest, Enzyme, Mocha, Chai, Electron

Databases: Postgres, Firebase

Office and Design Tools: Sketch, Microsoft Office

IDEs: Atom, Android Studio, Visual Studio Code, Vim, XCode

Other Technical: JSON, Agile, TDD, Git, Github, Gitlab, Webpack, Websockets, Web Accessibility/ARIA

Human Languages: English, Spanish, French, Brazilian Portuguese

Other Non-Technical: Excellent writing skills, mentoring, teaching, public speaking, teamwork

Projects

InsideRX website

May 2017-present

This website exists to offer prescription drug discounts to un- and underinsured patients. The site includes thousands of drugs and to date has saved consumers over a million dollars. When the user searches for a drug on the site, he/she is taken to a page that consists of a search component (which allows adjustment of drug quantity, drug strength, and Zip code). Based on the user's Zip code, the site geolocates the user and displays a list of pharmacies offering the selected drug, sorted by either distance (default) or price. The site is also responsive, features server-side rendering for fast performance, and is robustly tested.

FlashcardFE

April 2017

This app exists to help job seekers prepare for front end developer interviews. From the Home screen, you can select from three categories of questions: HTML, CSS, and JavaScript. These in turn are divided by category (typically difficulty). You can use this app to quiz yourself or others. Also, there is a section with links to useful interview-related sites and a section with questions to ask an interviewer. Built in React Native.

[MyGov](#) (with Ian Lancaster)
February 2017 - March 2017

MyGov is an application created in React Native that allows a user to track current Congressional bills and new laws. Using the [Sunlight Congress API](#), the application brings in data on bills and laws including title, date introduced, date of last action, sponsor, current progress (in House Committee, passed by Senate, enacted...), and other data. This application is meant for concerned citizens (and noncitizens) to keep track of Congressional actions and to be better informed and empowered to take action on critical issues.

For other projects, see my [portfolio](#).

Experience

Express Scripts / Front End/UI Developer Intern
May 2017-present, Austin, TX

I have written production code for the [InsideRX website](#), which offers discounts on prescription drugs for the un- and underinsured. My contributions include a drug details component, sorting functionality (by price and distance), and much else, as well as extensive testing. In this role, I have worked closely with other developers as well as designers in successfully taking comps from conceptualization to completion.

Core tech stack: React.js, MobX, Next.js, Node.js

Turing School of Software and Design / Student, Front End Engineering
August 2016-March 2017, Denver, CO

During seven months of intensive work at Turing, I built many projects in JavaScript, React.js, React Native, HTML, CSS, and other technologies. I also acquired firm foundations in TDD, Agile, and other central aspects of modern web development.

Florida Atlantic University / Visiting Professor of History
August 2015-May 2016, Boca Raton, FL

In this position, I taught courses in United States, Caribbean, Latin American, and global history to around 200 students.

Education

Turing School of Software and Design / Certificate, Front End Engineering

August 2016-March 2017, Denver, CO

University of Michigan / Doctorate in History

September 2005-December 2011, Ann Arbor, MI

College of William and Mary / Bachelors of Arts in History

August 2001-May 2005, Williamsburg, VA