

Andrew Miller

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{ SOFTWARE ENGINEER } < FULL STACK DEVELOPER > [CRITICAL THINKER]

TECHNICAL SKILLS

Languages: Java, Javascript, C, Python, SQL

Front end: ReactJS, NextJS, ThreeJS, D3JS, Handlebars, Material UI, Bootstrap

Back end: NodeJS, MySQL, PostgreSQL, SQLite, MongoDB, AWS, Heroku

Testing: Cypress (E2E testing), Jest (Unit testing)

Methodologies: Agile software development practice

PROFESSIONAL EXPERIENCE

Rowdy Dog Antique Lighting, La Conner, WA

April 2021 - July 2021

Software Engineer

- Primary responsibilities include leading design and development of custom website with React functional component/hooks front end and Express/NodeJS server
- AWS Elastic Beanstalk platform with MongoDB Atlas cloud database backed up with on-metal asset storage
- Stack: React, Express, Node, MongoDB Atlas, AWS
- Delivered custom website for grand opening of new business, marketplace features scheduled for v2

Chihuly Inc, Seattle, WA

June 2019 - March 2020

Software Engineer

- Developed single-page application to accurately and efficiently manage materials inventory
- Integrated Passport JS for authorization and authentication to access CRUD operations
- Deployed to cloud on Heroku backed by MongoDB Atlas
- Ensured delivery and accuracy of production materials inventory reports valued at +\$1M yearly

University of Washington Bootcamp, Seattle, WA

March 2021 - present

Teaching Assistant

- Evaluate and mentor over 100 students per cohort
- Work individually with students to improve their performance and answer questions about the lesson
- Grade student assignments and tests during class hours and throughout cohort overall

PROJECT WORK

Stocker => [live site](#) || [code repository](#)

A simple, modern ReactJS front-end that delivers live stock market information using REST API and Websockets

- Custom built search function for stock symbols using prefix matching m-ary tree
- Github pages hosted front end
- REST API and Websockets data delivered from Financial Modeling Prep and Finnhub API

Standard_10 => [code repository](#)

Based on the typing rhythm of the Remington Standard 10 typewriter, this is a UI component I found myself building often enough to make into a package.

- Solo-authored zero dependency NPM package
- Delivers Javascript module which 'types' text across the designated viewport

EDUCATION

University of Washington, Seattle, WA

Full Stack Engineering, class of 2020

- 24 week immersive course covering front-end, back-end and modern web development technology and skills. Major areas of focus were HTML, CSS, Javascript, NodeJS, ReactJS and database development

North Seattle College, Seattle, WA

Associate of Arts (A.A.), class of 2010

Peer-reviewed study

- Data structures: [code repository](#)
- Kernighan and Ritchie exercises: [code repository](#)