

# Andrew Miller

[www.github.com/jazznerd206](https://www.github.com/jazznerd206) | [www.andrewmiller.fun](http://www.andrewmiller.fun) | [LinkedIn](#)  
[andrew.fullstack@gmail.com](mailto:andrew.fullstack@gmail.com) | 206.618.6994

{ 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
- Single page aesthetic made using custom styled-components sheet

**Standard\_10 =>** [code repository](#)

Based on the typing rhythm of the Remington Standard 10 typewriter delivered via NPM

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

**Tabylon =>** [code repository](#) | [NPM](#)

Tabbed container React functional component delivered via NPM

- Delivers a data-driven element, all construction comes from data input instead of HTML management
- Leverages React and Styled Components to deliver a lightweight, modular element

---

## 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***