Sean McQuaid

Software Engineer
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Professional Experience

Chick-fil-A | Software Engineer | Atlanta, Georgia   May 2019 - Present
- Working on a team of five engineers to implement new features and maintain existing features related to Location and Menu for the CFAOne App
- Writing automated integration and end to end tests in Java with SpringBoot using tools such as SerenityBDD, Appium and Applitools
- Developed dashboard for the entire company with React that displays various Lab Configurations for each of our QA Stores
- Worked with team to create a more efficient and targeted testing process that lead to less time spent testing

Projects

SetListCreator | GitHub Repo   July 2020
- Developed a PERN stack web application that solves the biggest issue in the wedding music industry, creating a perfect set list for a client!
- I decided to focus this project on writing clean and testable code. Between both the front end and back end, I have full unit and integration test coverage. In addition, I wrote End to End tests with Cypress to have additional coverage that everything was working as expected.

What Don't You Want?! | GitHub Repo   July 2020
- Created a React application with TypeScript that allows a user to find all the restaurants in their area that match a specific set of cuisine that they don't want!
- I used this project as an opportunity to learn TypeScript, fully test all code when appropriate and focus on performance. This project has full test coverage and utilized React.memo, React.lazy with Suspense, and useCallback where appropriate to try improve overall load time and reduce the amount of renders for each component that didn't have their props change.

Software Development Skills

Front End
- JavaScript, React.js, Redux.js, HTML, CSS, Sass, React Native, TypeScript

Back End
- Node.js, Express, Python, Java, SpringBoot, mySQL, PostgreSQL, MongoDB, DynamoDB

Testing
- Cypress.io, Jest, Enzyme, React Testing Library, SerenityBDD, Mocha, Appium, Applitools

Education

DigitalCrafts | Atlanta, GA   November 2018 – March 2019
- Certification of Full Stack Web Development

SUNY Purchase | Purchase, NY   August 2015 – May 2017
- Master of Music in Jazz Studies

SUNY Potsdam | Potsdam, NY   August 2011 – May 2015
- Bachelor of Music in Music Business

Certifications

Certified Cloud Practitioner - Amazon Web Services   November 2019