

Sean McQuaid

Software Engineer

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Professional Experience

Chick-fil-A | Software Engineer II | 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 Integration and E2E tests in Java using tools such as SerenityBDD, Appium and Applitools
- Working on Native E2E Testing Proof of Concept to demonstrate the potential business value in using Native Tooling for our testing strategies
- Developed dashboard for the entire company with React that displays various Lab Configurations for each of our QA Stores
- Worked with the Quality team to create a more efficient and targeted testing process that lead to less time spent testing

Projects

Web Fake Book

[GitHub Repo](#) | [Live Demo](#)

- Built a Web solution to a huge problem for college music students, having free access to chord changes for jazz standards with the MERN stack and TypeScript.
- I used this project as an opportunity to solidify my TypeScript architecture practices. In addition, I created my own CI/CD pipelines that utilized my unit and E2E tests on PR review to give a clear indication that I didn't introduce any breaking changes when implementing new features on both the Front and Back End.

Table Management System

[GitHub Repo](#)

- Developed a custom Table Management System for restaurants to be able to manage their seating capacity and corresponding table configurations during COVID with Vue.js, GraphQL and Express.
- I decided to focus this project on learning more about Vue.js and GraphQL as this is outside of my comfort zone. On the Front End, I utilized the new Composition API from Vue.js to mirror a similar experience to Hooks with React. On the Back End, I used my Node.js knowledge to easily scale any amount of schemas or resolvers I added to automatically be added to my root schema and resolver.

Software Development Skills

Front End

- JavaScript, React.js, Redux.js, HTML, CSS, Sass, React Native, TypeScript, Angular, Vue.js, Svelte, Web Sockets, Cypress.io, Jest, Enzyme, React Testing Library, Vue Testing Library, Appium

Back End

- Node.js, Express, Python, Java, SpringBoot, mySQL, PostgreSQL, MongoDB, DynamoDB, GraphQL, Web Sockets, SerenityBDD, Mocha

DevOps

- Jenkins, GitHub Actions, DataDog, Splunk, AWS, Heroku

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