# 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 Chat** | GitHub Repo
- Built a Web Chat app for users to communicate with people on their friends list in real time with the MERN stack and Socket.io.
- I used this project as an opportunity to learn about WebSockets with Socket.io on both the client and server side. I have mostly full unit test coverage on the Front and Back End, except for the use of sockets on the Front End. Due to the amount of dependencies needed to mock on the Front End to unit test sockets appropriately, I believe that automated E2E testing would be a better solution for covering this part of the app in the future.

**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