

# 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](#)

- 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.

**Whac-A-Mole** | [GitHub Repo](#)

- Built a recreation of the classic arcade game, Whac-A-Mole with React/TypeScript on the Front End and Java/SpringBoot on the Back End.
- I used this project as an opportunity to get some more practice with React/TypeScript and learn API development with Java/SpringBoot. I have full unit test coverage for both the Front and Back End. In addition, I learned a lot about the Java/SpringBoot ecosystem and can definitely see from an architecture perspective why so many companies view this as the gold standard for building their APIs.

## 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

### CI/CD

- Jenkins, GitHub Actions

## 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