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 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 the Quality team to create a more efficient and targeted testing process that lead to less time spent testing

Projects

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. I set up my own custom navigation guard for authentication with Vue Router. 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.

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, Angular, Vue.js

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

Testing
- Cypress.io, Jest, Enzyme, React Testing Library, Vue 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