

Charles Brady

Durham, NC, 27713

(252) 202-0784

charlesmbrady@gmail.com

GitHub: <https://github.com/charlesmbrady>

Portfolio: <https://charlesmbrady.github.io/>

CAREER OBJECTIVE

Adaptable professional with 2+ years of experience and a proven knowledge of startup to enterprise-level application development. Aiming to leverage my skills to successfully fill a Software Engineer role.

PROFESSIONAL EXPERIENCE

Self, Durham, NC

Software Engineer - Fullstack Javascript, December 2017 - Present

- Built UIs using modern frontend frameworks like React, Bootstrap, JQuery, and even vanilla javascript
- Used custom WebPack configurations to improve application bundling, performance and development process
- Bootstrapped several modern fullstack app templates and wrote scripts to automate Heroku deployments and database provisioning for newly created projects equipped with technologies like JWT authentication and Docker/docker-compose
- Setup full CI/CD pipelines equipped with testing, reporting, code coverage thresholds, and automated deployment to Heroku
- Deployed Docker images to AWS, as well as a serverless application
- Built an application for creating millions of test data records and inserting them directly into your Salesforce CRM database
- Built other applications using technologies like:
 - MongoDB
 - MySQL
 - React
 - Express.js
 - Node.js
 - JWT authentication (Auth0)
 - Docker and docker-compose
 - CI/CD (CircleCI and Jenkins)
 - AWS
 - Java/Spring/SpringBoot
 - Webpack
 - Cypress.io
 - HTML/CSS/Javascript
 - CSS Grids
 - Firebase

VALIDITY, Durham, NC

Software Engineer - QA, Jan 2019 - April 30th 2020

- Ensured quality for multiple enterprise applications and microservices hosted on AWS, using JIRA and Clubhouse to manage bugs and other project tickets.
- Responsible for bootstrapping our CI/CD and testing processes for new and existing projects, starting with our SSO (Auth0) cloud portal that provides access to all of our products.
- Helped dockerize our app for easier code management for the team and in our CI/CD
- Set up test suites for three of our services to meet critical testing needs, put them in a CI/CD pipeline to run tests my team and I wrote, and require they pass before eventually scanning and calculating our code coverage and quality with Sonarqube, and finally deploying our dockerized app to AWS
 - Wrote frontend Javascript unit tests with React/Webpack/Jest/Enzyme
 - Backend Java SpringBoot (Maven) unit tests
 - Wrote UI/e2e tests with Cypress.io to test user flows
 - Wrote API / integration tests with Mocha to test our many API endpoints involved in our licensing system
- Helped develop the frontend (React) of our entitlement system used by client services to view and perform operations on tens of thousands of customer licenses and their properties.
- Created an application for creating duplicates and inserting them into Salesforce orgs that was crucial to efficiently and sufficiently test our DemandTools deduplication, and Trust Assessments products.

EDUCATION

University of North Carolina at Chapel Hill

Full-stack Javascript Software Developer Certification - May 2019

University of North Carolina at Chapel Hill

B.S. Exercise and Sports Science - Dec 2016

Salesforce Certifications

Administrator

Service Cloud Consultant