**Brian J Smith**

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**Portfolio:** [https://bjsmith3185.github.io/Jr\_Dev\_Portfolio](https://bjsmith3185.github.io/Jr_Dev_Portfolio/)

Web Developer who enjoys the challenge of solving problems through coding and getting results. Excels with new technologies and continuously learning. Dependable leadership ability, attentive listening skills and a drive to make all team members successful.

**EDUCATION**

* **Certificate, UNC Charlotte, Java Coding Bootcamp**
* **Certificate, UNC Charlotte, Full-Stack Coding Bootcamp**
* **MBA, Pfeiffer University, Business Administration**
* **BS, UNC Charlotte, Manufacturing Engineering**
* **AAS, Stanly Community College, Drafting & Design Engineering**

**SKILLS**

**Web Development**: HTML, CSS, JavaScript, Bootstrap, React.js/Redux, Jquery

**Programming**: Java8, Spring, Spring-Boot, Docker, RabbitMQ, Appian

**Persistence:** MySQL, MongoDB, AWS-S3, Redis, Spring JPA/JDBC

**Libraries**: NPM, Node.js, Express.js, React.js, Axios, Passport.js

**Technology:** IntelliJ, Visual Studio Code, GitHub, Heroku, PWS, Jira

**Additional:** TDD, Unit Testing, Integration Testing, Mockito, Agile

**PROJECTS**

**Cloud-Retail** | Aug 2019 | ***Web-Service with micro-services.***

* Cloud based web-service with open and controlled routes, using Spring Security.
* Services were built using TDD and tested using integration and Mockito tests.
* All Services incorporate a REST controller, RabbitMQ is used for ‘create’ route.
* The web-service is hosted on GitHub.

**Technologies used:** Java, Spring, Feign, JDBC, Security, SQL, Mockito.

GitHub: <https://github.com/bjsmith3185/cloud-retail-service>

**KnowYourStop** | April 2019 - May 2019 | ***Responsible for both client and server sides of this app.***

* App was built to assist law enforcement officers investigating vehicle traffic stops.
* Server was built using Node/Express.js and tested using postman.
* Client was built using React.js/Redux and provides both client and server validation.
* The app is hosted on GitHub and deployed to Heroku.

**Technologies used:** M.E.R.N stack, Passport, Redux, GitHub, Heroku.

Deployed: [https://knowyourstop.herokuapp.com](https://knowyourstop.herokuapp.com/)

GitHub: <https://github.com/bjsmith3185/plate_records>

**Shopping List** | March 2019 - April 2019 | ***Responsible for both client and server sides of this app.***

* Shopping list is an application that allows users to make and update a shopping list.
* This project was built to learn/apply Redux.
* Redux was used as state management and Redux-Saga was used to make API request as needed.
* The app is hosted on GitHub and deployed to Heroku.

**Technologies used:** Node.js, Express.js, MongoDB, Mongoose, JavaScript, React.js, Redux, GitHub, Heroku.

Deployed: <https://my-list-demo.herokuapp.com>

GitHub: <https://github.com/bjsmith3185/Shoppinglist_Heroku>

**EXPERIENCE**

***Java Developer***  | Insight Global (assigned to Bank of America) | Charlotte, NC

Develop Java code based on business requirements related to small and global business processes. Integrating Java code with Appian workflow models.

**Accomplishments**:

* Developing new Java code to validate and map business requirements.
* Integrating microservices using REST APIs.
* Developing process models in Appian to call specific microservices, process responses and persist data in SQL Database.

***Police Officer***  | City of Charlotte | Charlotte, NC

Manage special events located in the center city area. Events include: NYE, July 4th, CIAA, NCAA, ACC, NBA, Government VIP visits, protests, etc. Duties include; planning, staffing, budgeting, supervising and public relations.

**Accomplishments**:

* Co-created a center city Traffic Management Plan that can adjust dynamically to maintain traffic flow during events. This involved the use of traffic signal timing, lane open/closures, reversing traffic flow and the use of officers to manually direct traffic.
* Reduced the annual budget for on-duty traffic officers at the Spectrum Arena from $1.2M to $400K. This reduction was the result of the Traffic Management Plan listed above.

***Industrial Engineer*** | Collins & Aikman Inc | Charlotte, NC

Ensure finished products met or exceeded quality standards set by the customer and ISO 9000. Continuous Improvement practices, time/downtime/preventative maintenance studies to reduce waste and reallocate resources with the goal of reducing costs.

**Accomplishments**:

* Designed and installed stations which included sensors that would provide feedback to a central processor. These stations provided data which allowed the manufacturing process to be monitored in real time.
* Developed standards for quality control testing. Testing was for strength, color, durability and weight of automotive carpet. The standards were a requirement for ISO 9000 certification.