

Brian J Smith

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Portfolio: https://bjsmith3185.github.io/Jr_Dev_Portfolio/

Web Developer who enjoys the challenge of solving problems through coding and getting results. Capable of engineering a project from mockup to rollout. Dependable leadership ability, attentive listening skills and a drive to make all team members successful. Passion for learning resulting in the development of multiple full stack applications.

SKILLS

Web Development: HTML, CSS, JavaScript, Bootstrap, Handlebars.js, JQuery

Database: MySQL, Sequelize, MongoDB, Mongoose

Libraries: Node.js, Express.js, React.js, Handlebars.js

Technology: GitHub, Visual Studio Code, AWS S3, Heroku

Additional: Unit Testing, Agile, NPM

PROJECTS

Photo-Share | Full Stack Developer / [Code](#) | [Site](#)

Photo-Share is an application that allows users to upload and share photos.

- Applied AWS S3 to save the image data while saving contributing data using MongoDB.

Technologies used: React.js, Node.js, Express.js, JavaScript, Multer, React-Modal, Nodemailer, MongoDB, Mongoose, Github, Heroku.

AD-On | Full Stack Developer / [Code](#) | [Site](#)

AD-On is a application that uses a search term to create customized advertisements.

- The advertisements are displayed on the side of the browser window to allow users to click and shop online retailers.

Technologies used: React.js, Node.js, Express.js, JavaScript, MongoDB, Mongoose.

Personal API | Full Stack Developer | [Site](#)

Personal API was built to host a read-only API server that contains 'practice' personal data.

- The data contained can be requested using AJAX or other common methods such as Fetch.
- Published a page to host the docs for this API as well as an example of how to request data.
- Users submit an email and the API will send them their unique key.

Technologies used: Node.js, Express.js, MongoDB, Mongoose, JavaScript, JQuery, GitHub, Heroku..

EXPERIENCE

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.
- Worked on a team with Economic Development, Center City Partners, CRVA, CDOT to install parking signs inside the 277 loop informing drivers of available parking locations.
- 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.

EDUCATION

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