# BEAU DAVENPORT

*Javascript/.NET/Cloud*

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**beaudavenport.github.io**

## Objectives as a Software Engineer:

Through my dedication to learning and improving, I seek to build software solutions that are innovative, maintainable, and secure. By sharing knowledge and building trust in my customers and my colleagues, I seek to create an environment for those software solutions to thrive, grow, and inspire others. In my quest for my work to reflect my passion and love for software development, I seek to view every problem as a learning opportunity, that I may pursue a solution with the delight of having learned something new.

## Professional Experience:

### Software Engineer
*WWT Asynchrony Labs*                                                             *2015 - Present*

- Built front-end web applications using React.js and Redux, with Responsive designs using Flexbox, Materialize and Bootstrap
- Managed front-end build pipelines with Webpack, Gulp, and Babel
- Created Unit Test suites with Mocha.js, Sinon, and Enzyme
- Built User Acceptance Test suites with Nightmare.js
- Leveraged Cloud infrastructure in AWS, interacting with S3 buckets using Amazon SDK, deploying applications with Docker and ECS
- Built back-end API's in .NET Web API to support multiple applications, managed data with SQL Server using NHibernate and Entity Framework
- Managed data migration, created diagnostic queries, profiled performance in SQL Server
- Maintained and Enhanced legacy Java applications
- Created Node.js-based performance suites with Artillery.js, utilized Java-based performance tests in JMeter
- Managed source control with Giit utilizing both Github and Gitlab
- Facilitated knowledge sharing with Lunch and Learn presentations and workshop assistance, wrote and maintained documentation across apps
- Participated in interviews, screening, and hiring recommendations for new applicants

***On-call Web Developer, Coffee Roaster, Shift Leader, Barista***
*Park Avenue Coffee*                                                    *2007 - 2015*

- Created custom web application for handling coffee inventory built with Backbone.js, MongoDB and Express
- Updated website content, implemented PHP contact form, content proofreading
- Roasted coffee, maintained coffee inventory and roasting facility
- Shift Leader duties including placing orders, delegating workflow, closing procedures, solving customer problems and training staff

## Personal Experience:

- Created and maintained multiple personal applications using Node, Jekyll, .NET MVC, and Cloudflare, deployed with Windows Azure and Heroku
- Working fluency in Spanish
- Ceaseless self-education using local programming meetups, leading industry blogs, books and forums, and sharing knowledge through presentations and blogging

## Education:

***Certificate, Harvardx CS50x,*** *Harvard/MIT's Edx online courses, 2014*
- Online extension of Harvard's CS50- Introduction to Computer Science
- Coursework included implementation of low-level computer science concepts including pointers, hash tables, linked lists, memory leaks and encryption

***Bachelor's Degree in Liberal Studies,*** *University of Missouri St. Louis, 2006 - 2010*
- Emphasis in Cultural Anthropology and Spanish
- Additional studies: Conservation Biology, Chinese, International Economics

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*Code samples available on github at* [github.com/beaudavenport](github.com/beaudavenport)*, online portfolio and blog available at* [beaudavenport.github.io](beaudavenport.github.io)