Ben Charbonneau

Web Developer

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Summary

I graduated from college with a chemical engineering degree and a job at a healthcare software company. Despite my lack of computer science experience, I was hired for my problem solving mindset and ability to learn. While my primary responsibility was to help customers troubleshoot and configure their software implementations, I also developed new features and bug fixes to meet my customers needs. It was while I did this work that I found my passion for development.

I knew that I wanted to be a developer but I only had two weeks of on the job training in a language that almost nobody uses and some general programming knowledge that I taught myself. So I joined General Assembly's web development immersive program to hone my skills and prepare to join the world of professional developers.

Going through the program has confirmed my passion. I find joy in perfecting the details of an application and the challenge of finding creative solutions to new problems. And my self-sufficient nature and my ability to quickly do research and dive into using new technologies, makes development come naturally to me. I'm excited to join the computer science community and make my mark on the world.

Projects

Carpoolic - ReactJS, Ruby, PostgreSQL, JavaScript, HTML, CSS

This is a ride sharing app that allows users to coordinate carpools to events. Users can sign up and create rides to a specified destination as a driver or join rides as a passenger. The site runs off of API endpoints that were created using Ruby. The endpoints were created for Carpoolic but they were designed to be reusable by any site.

AMC Movie Site - JavaScript, HTML, CSS, MongoDB, Node.js

This application uses the API endpoints that AMC has made available for viewing data on the movies showing in their theaters. Users can see the top 10 now showing movies and then search for theaters, movies, and showtimes in their area. They can then save their search results to a wishlist.

Co-operative Zombie Shooter - JavaScript, HTML, CSS

Players have to defeat waves of monsters together. The most exciting part is the AI for the zombies. They will chase the players around the map while staying clear of each other and obstacles.

Experience

Epic Systems (August 2014 – January 2018)
Technical Services Representative, MyChart Patient Portal

- Coded 40 different development projects in just over three years, while balancing day-to-day technical support for 11 hospital organizations, the most development projects for someone of my tenure in my application. These development projects both improved internal processes and troubleshooting and delivered critical enhancements to our organizations.

- Maintained a company-wide utility, accessible by over 8,000 employees and over 300 hospital organizations, that gathered and formatted data taken from customer environments and output it in Excel for reporting and analysis purposes.

- Branded 12 websites using HTML/CSS by updating logos, design, and wording to maintain each organization's branding within the framework of the website following each software upgrade.

Education

Rose-Hulman Institute of Technology 2010-2014

Major: Bachelor of Science, Chemical Engineering
Minors: Material Science, Math, Spanish
Cumulative GPA: 3.74, Dean's List

General Assembly March 2018-June 2018

Certificate: Web Development

Skills

Caché	HTML/CSS	Ruby	ReactJS
JavaScript/	Node.js	noSQL	SQL