

Ben Charbonneau

Web Developer

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Summary

My first job out of college was at a healthcare software company. While supporting my customers, I got to do development to help meet their needs and I loved it. I found joy in perfecting the details of the applications that I worked on and in the challenge of finding creative solutions to the problems that my customers faced.

Having found my passion, I decided to pursue a full time career in development. I joined General Assembly's web development immersive program to gain the experience that I would need to do full stack development and to create production ready applications. And now that I've finished the program, I'm excited to join the computer science community and make the world a better place.

Experience

General Assembly (March 2018 - November 2018)

Student and Substitute Teacher

- Supervised General Assembly's Web Development Immersive cohort during a project week. I assisted students with troubleshooting and guided them through the deployment of their finished projects to Heroku.
- Created an Android native app that allows users to share their current emotion with their friends. Users can send friend requests, see their friends' emotions, and update their own emotion. The frontend code was built using React Native and the backend was built with Node.js and Firebase.
- Created a ride sharing app with one other developer. The app 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 frontend code was built using ReactJS and CSS. The backend was built out as a stand alone API using Ruby and PostgreSQL for the database. The shared code was managed using GitHub.
- Created a co-operative monster shooting game using JavaScript and HTML Canvas. In game, players shoot monsters while the monsters chase them around the map. I wrote a basic AI to allow the monsters to move around obstacles while chasing the players.

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 delivered critical enhancements to our organizations.
- Maintained a company-wide utility, accessible by 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

General Assembly March 2018-June 2018

Certificate: Web Development

Skills

Python/Django

HTML

Ruby

React

JavaScript/jQuery

React Native

noSQL

CSS/Less

Node.js/Express

Firebase

SQL

PHP