Joseph Harwood

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Full stack web developer with a passion for creating unique user experiences using Ruby on Rails, JavaScript, and React and a background in database administration. A gaming enthusiast, I bring strong skills in cross-functional projects that meet customer demands and deadlines in small environments as well as giants such as Blue Cross Blue Shield of South Carolina serving millions of people.

TECHNICAL PROJECTS

Cinematch - [Frontend Github](#) | [Backend Github](#) | [Demo](#)
Movie and TV recommendation website with a chat
+ Utilized the OMDB API with Rails, React, and Redux to recommend movies and TV shows
+ Added multiple users chat with WebSockets and Action Cable
+ Used Material UI and HTML/CSS for styling

Quizalcoatl - [Frontend Github](#) | [Backend Github](#) | [Demo](#)
Snake trivia game incorporating a trivia element to the traditional snake game
+ Created game logic using Javascript
+ Kept track of users and scores using Rails
+ Used HTML/CSS for styling of the single page web application

//ADVENTURE - [Github](#) | [Demo](#)
Users attend different events and complete challenging achievements for points
+ Added map functionality, using the Mapbox API to add custom markers on map using Javascript
+ Built the website using Rails RESTful conventions
+ Styled the website using HTML and CSS

TECHNICAL SKILLS

Ruby, Rails, SQL, JavaScript, React, Redux, DB2, IMS, COBOL, APS

EMPLOYMENT HISTORY

BlueCross BlueShield of South Carolina, Columbia, SC

Database Administrator, September 2015 - December 2018
+ Designed and created new indexes and tuned SQL queries to improve performance of production queries by 75% for a tuning effort
+ Built, updated, and maintained databases for BCBSSC's INFORM ticket system that was used internally by 11,000+ employees
+ Designed and implemented a Replication process that saved BCBSCSC 76% annually on the daily unload/load cycle for INFORM

BlueCross BlueShield of South Carolina, Columbia, SC

Entry Level Training Program Student, May 2015 - September 2015
+ Designed, coded, compiled and debugged COBOL and APS programs to generate detail, control break, and summary reports to display processed claims data
+ Participated in group projects and gave oral presentations on technical topics to small groups

Publix, West Ashley, SC

Deli Clerk, February 2014 - May 2015
+ Dynamically sold products to customers by providing food pairing suggestions and meal ideas
+ Provided premier customer service to ~100 or so customers daily

EDUCATION

Flatiron School - 2019
+ Full Stack Web Development, Ruby on Rails and JavaScript immersive program

College of Charleston - Charleston, SC - 2013
+ Degree: Business Administration Major and Computer Science Minor