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Jerry R Krusinski Jr

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Technical Skills

Strong: Javascript • React • Redux • Node.js • Express • MongoDB • Mongoose • Git • HTML/CSS • jQuery • RESTful APIs
Experienced: SQL • AWS • AngularJS • Knex.js • Vagrant • NGINX • MVC • Grunt • Mocha • Chai • Agile • PHP • Symfony

Software Engineering Projects

CardCast, Software Engineer

cast.jkrusinski.com

Chromecast tool to create collaborative visual aids for group meetings such as brainstorming sessions

- Facilitated communication between two AngularJS clients with the Chromecast SDK
- Designed a RESTful API using Express to serve content to the client in a standardized manner
- Incorporated Material Design principles with front-end using the Material Design Lite CSS framework
- Implemented TDD using Mocha and Chai to ensure stability of the codebase

My Sentry, Software Engineer

github.com/jkrusinski/my-sentry

A native Android application to help ensure the safety and security of groups even when they are apart

- Utilized the React Native framework to develop a native Android app using web technologies
- Developed timer-based service worker to trigger push notifications managed with Google Firebase
- Centralized application state using Redux to increase organization and modularity of the React client
- Adopted AGILE development cycle to ensure team communication, organization, and collaboration

Echoes, Software Engineer

github.com/jkrusinski/echoes

An interactive listening journal that makes it easy to remember, rate, and relive albums you've enjoyed

- Refactored server authentication with PassportJS to increase security and expandability
- Utilized React Router to implement a front-end routing system and consolidate back-end client routes
- Expanded on previous SQL schema to enable new social networking features

Professional Experience

Software Engineering Associate Instructor, Hack Reactor

2017

- Mentored students attending Hack Reactor immersive through office hours, group discussions, and project aid
- Helped create the new Project Lead role to better assist students through the project phase of the immersion
- Addressed deficiencies in the curriculum by creating original lectures over MongoDB, AWS, and Redux
- Collaborated with the instructors to develop new technical material for students

Programming Counselor, Hello World Tech Studios Summer Camp

2017

- Taught middle schoolers HTML, CSS, and Javascript while aiding them in creating their own dynamic websites

Sales Associate, Tesoros Trading Company

2013 - 2016

- Collaborated closely with a retail team and utilized my Spanish skills to communicate with customers

Education

Hack Reactor - Advanced Software Engineering Immersive Program

2017

Austin Coding Academy - Back-End PHP Web Development Course

2015

University of Texas at Austin - B.A. in Spanish Literature with Minor in Biomedical Engineering

2010 - 2015

- Relevant Courses: Intro to Embedded Electrical Systems, Advanced Statistics, and Differential Equations

Personal

Despite numerous close calls and a few minor injuries, I still refuse to go hiking in anything other than flip flops.