Mitchell Alton

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OBJECTIVE

Highly motivated software engineer seeking new opportunities to utilize my coding skills in the creation of meaningful software applications.

TECHNICAL SKILLS

Python, JavaScript, React, Redux, Hooks, CSS, Ruby, Ruby on Rails, jQuery, HTML5, CSS, Node.js, SQL, Jira, Docker, Sidekiq, Primavera P6

EDUCATION

Flatiron School, Software Engineering, Houston TX

Software Engineering Student, January 2020 - May 2020

➢ Software Engineering Immersive, 15 week program.

➢ Collaborated with classmates on multiple projects utilizing: Ruby, Rails, SQL, JavaScript, ReactJS/Redux, PostgreSQL.

EMPLOYMENT HISTORY

Allison Industrial Services, Houston TX

Software Engineer / Project Controls Specialist, March 2022 - February 2023

➢ Used industry knowledge to develop a Full Stack Project Management application utilizing Ruby on Rails for backend api and React.js for frontend, PostgreSQL database. This application was being developed not only to manage projects but to track finances, time clocks, change orders, materials, etc.

➢ Work closely with project teams to support the project schedule, control and monitor the lifecycle of the project; utilizing software, such as Primavera P6, PowerBI, Excel.

➢ Improved the cost tracking and reporting process by developing creative data retrieval and reporting tools that reflected financial and project performance measurements.

➢ Managed the budget development, change control processes, project budget preparation and internal/external financials and project performance reporting.

➢ Utilized my software development experience to offer creative solutions to finance tracking and project management.

Heartland (Global Payments), Houston TX

Software Engineer, August 2021 - March 2022

➢ Create new features while maintaining a large code base for the Front-end and back-end utilizing React.js/Redux, ReduxSaga, Ruby on Rails/Sinatra, PostgreSQL, CoffeeScript, Backbone.js.

➢ Test Driven Development. Write tests in both Jasmine and Jest test suites.

➢ Contribute to agile/scrum sprint planning, daily scrum meetings, utilizing Jira.

➢ Participated in an internal Hackathon where my team developed a full crypto wallet that integrated into the POS applications api. This would allow a customer to use their crypto currency as a form of payment through Heartland payment systems.

Brokerage Engine, Houston TX

Junior Software Engineer, September 2020 - August 2021

➢ Maintain a large code base for the Front-end and back-end utilizing React.js/Redux, Ruby on Rails, PostgreSQL, GraphQL, Docker, Sidekiq, Git Flow.

➢ Utilize JavaScript within the REACT.js library to build user friendly interfaces. Using modern ES6+ standards, to develop reusable components, optimizing and maximizing performance. Set up GraphQL queries and mutations to communicate with the back-end.

➢ Utilize Ruby with Rails to maintain and develop server-side logic with MVC design patterns, definition and maintenance of the database, and ensure high performance and responsiveness to requests from the front-end. Set up RESTful API routes, as well as queries and mutations with GraphQL, to handle requests. Maintain and develop efficient and clean code.

➢ Extensive testing utilizing test scripts and documenting results. Daily code reviews on pull requests, keeping with modern coding standards. Daily SCRUM standups to communicate priorities and goals.

➢ Developed an AutoRenew feature for Brokerage Engine. This was a feature that was offered by their competitors that they did not yet have. This feature was a feature flag that could be turned on or off. When on it would filter through all Realtor Agents for that Brokerage and renew their commission schedules. This would also take into consideration performance based commission schedules, look at the number of sales, and start them to a tier befitting their performance for the previous year when renewing.

TECHNICAL PROJECTS

League Tracker - Github | Video

React Application. Create a user, sign in, look up Riot profiles and track their ranked history in League of Legends.

➢ Technologies: ReactJS, JavaScript, Ruby, Rails, PostgreSQL, CSS

➢ User login validations and authorizations. JWT. Used Riot's API to access user information and match histories.

Fun Financial - Github | Video

Application to teach your children how to manage credit in a fun, interactive way.

➢ Technologies: ReactJS, Hooks, JavaScript, Ruby, Rails, PostgreSQL, CSS