Ryan Baer

Software Developer

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Skills

Programming Languages: JavaScript, HTML, CSS/SCSS, TypeScript, PostgreSQL
Frameworks: React.js, React Router, React Hooks
TDD/BDD: Mocha-Chai, Cypress, Lighthouse, WAVE
Technologies/Tools: GitHub/Git, Github Actions, Circle CI, Heroku, JSON, Express.js, Axios, Cheerio.js, Paginate-React
Concepts: OOP, Agile/RESTful API, CRUD, TDD (integration testing), End-to-End testing

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EXPERIENCE

Sr. Loan Operations Specialist   March 2020 - March 2022
FirstBank Holdings Company   Lakewood, CO
- Execute efficient and positive communication with branch personnel and title company representatives to process and close loans
- Addressed mortgage based challenges through deductive reasoning and collaboration with fellow portfolio mortgage processors
- During 2nd quarter of 2021 was responsible for roughly 70% of 1st Banks Mortgage loan demand due to the rollout of a new system

Marketing Assistant   March 2018 - April 2019
Remax Professionals   Littleton, CO
- Organize marketing and customer relation events to bolster brand image
- Utilize various marketing analytics techniques such as demand forecasting, competitor analysis, and trend analytics
- Research and propose new marketing campaigns to team leaders based off of previously completed analysis

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Projects

Backcountry Bookings, Group Project, **Repo Link**
- Gain experience dividing applications into components and domains of responsibilities to facilitate multi-dimension teams
- Build and app that executes in development, test, CI, and production environments
- Focus on communication between front-end and back-end teams in order to complete and deploy features that have been outlined in the project spec
- Utilize TypeScript's string typing features to catch potential errors during development, resulting in improved code quality and reduce debugging time

Travel Tracker, Independent Project, **Repo Link**
- Use Object Oriented Programming to drive the design of an application and its code.
- Work with API's to send and receive information using Get and Post requests
- Create a robust test suite that thoroughly tests all functionality of a client side application using Mocha-Chai testing frameworks
- Solidify the code and review process and find opportunities to refactor and practice DRY coding

Apartment Scraper, Independent Project, **Repo Link**
- Develop and deploy a full-stack application using the PERN (PostgreSQL, Express.js, React, Node.js) stack, to deliver a robust and responsive web solution.
- Utilize a combination of Axios, Cheerio.js, Puppeteer, and Express.js to perform web scraping and have that information available via GET request to a local server.
- Successfully save scraped data into a PostgreSQL database for further analysis and use
- Implement pagination in a front end application to divide a large set of data into smaller, manageable chunks or pages

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EDUCATION

Turing School of Software & Design   October 2022 - April 2023
Front End Engineering Certificate   Denver
Accredited 7 month full-time immersive program focused on project-based accelerated learning
- Student Leadership Committee
- Rock and Pebble Program

University of Colorado - Boulder   August 2015- August 2019
Bachelor of Science and Administration in Business Administration - Emphasis in Marketing
- CESR Program