

Jarrold Reyes

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Projects

Customizable Homepage | *Ruby on Rails, React, Tailwind, PostgreSQL*

[Live Demo](#) | [GitHub Repo](#)

- Built a full-stack SPA that allows users to store links to websites with a Rails backend API and display, edit and add links seamlessly through a React front-end user interface
- Designed React frontend to communicate with Rails API via asynchronous fetch requests
- Leveraged WebSockets via Action Cable to deliver and display live updates to the user utilizing React state and hooks
- Fully styled in Tailwind CSS for an aesthetic and intuitive user experience

Runebook | *Ruby on Rails, RSpec, PostgreSQL*

[Live Demo](#) | [GitHub Repo](#)

- Social media CRUD app that implements core Facebook features as a Rails monolith
- Implemented features such as users, friend requests, posts, comments, and likes demonstrating proficiency with the MVC pattern and data modeling via Active Record
- Leveraged Devise gem to incorporate user authentication
- Wrote suite of integration and unit tests in RSpec to achieve coverage of core functionality

Chess | *Ruby, RSpec*

[Live Demo](#) | [GitHub Repo](#)

- Coded a CLI Chess application, implementing OOP principles to develop classes/modules for board navigation, pieces, and game logic for checkmate, capturing, and special moves
- Kept in accordance with DRY to achieve code modularity and separation of concerns
- Built a simple AI computer opponent which performs a random legal move
- Used YAML serialization for game saving
- Wrote RSpec unit tests focusing on Test-Driven Development

Technical Skills

Programming Languages: Ruby, JavaScript, Python, SQL, HTML, CSS

Frameworks: Ruby on Rails, React, Tailwind

Tools: Git, GitHub, Linux, VSCode, NVIM, RSpec, Jest, React Testing Library, PostgreSQL

Work Experience

California Conservation Corps | *Conservationist*

Dec. 2019 - Oct. 2020

- Cooperated with crew daily to accomplish team goals of building several park trails, planting hundreds of trees and clearing invasive species