Nicholas Jacques

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Summary

Skilled in programming with Ruby and building professional web applications with Ruby on Rails. My favorite development challenges involve data architecture, object-oriented design and performance optimization. With a strong background in leadership, I pride myself on my ability to facilitate in the creation of highly productive professional environments.

Technical Skills

- **Languages:** Ruby, JavaScript, PostgreSQL, HTML, CSS
- **Frameworks:** Rails, Sinatra, Bootstrap
- **Testing:** RSpec, MiniTest, Capybara, Selenium, Factory Girl, VCR
- **Other:** RESTful API architecture, Agile development workflow, Git, Continuous Integration

Projects

Corkboard (group project) Github | Production
Multi-tenant commerce platform that matches contractors with available jobs. Loose clone of thumbtack.com
- Used single table inheritance to model 'pro' and 'user' accounts
- Implemented polymorphic associations to handle file-uploads of different data types

'Rales' Engine (pair project) Github
Rails API that exposes and analyzes a large dataset of ecommerce transaction records.
- Endpoints use a RESTful architecture
- Uses ActiveRecord to expose complex business intelligence across six tables of merchant, customer, and transaction data

Bike Share (group project) Github | Production
Web Application built with Sinatra that displays and analyzes San Francisco Bike Share ridership data
- Held dual roles as a project manager and developer
- Conducted code reviews, led daily stand-ups, maintained high levels of test coverage
- Contributed as a developer to nearly every aspect of the project

Education

Turing School of Software & Design | Certificate in Back-End Engineering
Intensive 7-month program focused on computer science fundamentals, building web applications with Rails, SQL, client-side development with JavaScript, test-driven development and Agile development practices.
- Elected to Student Advisory Board by my peers

Professional Experience

Sterling Enterprise
Home Renovation Contractor
October 2015 – March 2017

Full-service home renovation contractor specializing in high-end finish work. Worked closely with clients throughout the design and construction processes to ensure customer satisfaction

Honor Society Handcrafted Eatery
Assistant General Manager
August 2015 – March 2016

Managed all aspects of restaurant operations. Created product inventory tracking system with Compeat software.