Glenn Espinosa

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Objective

Craft extraordinary software, stretch the boundaries of my knowledge on a daily basis, work with inspiring people solving interesting problems, and work on a project that I can believe in.

Skills

Strong: Ruby · Rails · PostgreSQL · RESTful API's · MVC · HTML/CSS · RSpec · Minitest · TDD · OOP · Git/GitHub
Familiar: JavaScript · ReactJS · jQuery · Redis · AWS · DevOps · CloudFormation · Sidekiq · Redis · Elasticsearch · JMeter · Jenkins · SQL · Vim · Scrum/Agile

Experience

Software Developer, Excella Consulting | March 2016 - Present

- Champion for Rails convention over configuration. Led code reviews on RESTful Rails controller refactors that resulted in the standardization and coordination of multiple, complex, multi-tiered APIs powering half a dozen production applications.

- Designed and implemented core data models for the US Immigration online portal. Allowed for optimized database read/write access for multiple applications with millions of users upon production launch while unifying a core, ubiquitous language across the entire scrum team.

- Champion for OOP and SRP principles. Led the refactoring of numerous applications to reduce Controller and Model bloat resulting in easier maintainability and extensibility of code.

- Proactively took ownership of internationalization for the entire US Immigration online portal (5k+ translations). Created dynamic parsers and YAML writers that replaced previously labor intensive, and mistake prone hardcoding practices.

Software Developer, Rackspace | Oct 2015 - March 2016

- Developed internal support apps, mainly an Adjustment Credit Tool for tracking and posting credits to client accounts.

- Proactively suggested introducing a service layer to separate behavior and to clean out controllers. Resulted in extensive code decoupling, simpler tests and improved code reusability/modularity.

- Improved test coverage from 75% to 90% while still managing to reduce test suite by nearly 300 lines. Accomplished this by meticulously deleting redundant tests, introducing shared context, and deleting unnecessary data from factories.

Freelance Developer, Adddapt | GitHub | Live Site | May 2015 - Aug 2015

Developed a two sided e-commerce marketplace using Ruby on Rails, Stripe Connect for the payment transactions, and Amazon S3 for asset storage.

Side Projects

Paradigm | December 2016 - Present

Template generator gem to easily add Service abstractions into Rails applications.

SmarterFlips | December 2016- Present

Smarter Flips is a SaaS solution for Real Estate Investors. The application is a work in progress, single page app using ReactJS and firebase.

Speaking Engagements

"SOLID Software Design Principles" | February 2017 | Internal Excella Ruby Bootcamp

Explained SOLID principles to a group of new Ruby developers and developed exercises to implement real world refactors using SOLID.

"Popular Metaprogramming Patterns in Ruby" | January 2017 | B'more on Rails MeetUp

Identified and evaluated numerous metaprogramming techniques found in popular Ruby libraries.

"Replacing Conditionals With Polymorphism" | June 2016 | B'more on Rails MeetUp

Gave a talk on the advanced OOP principle of replacing conditional statements in code with object polymorphism.

Other

- My prized possession is a signed copy of Sandi Metz's POODR.

- I once got reprimanded for writing too long of a git commit message.

- I almost got into a car crash one night from over-excitement while listening to a Ruby5 podcast and realizing that they were talking about one of my blog posts.

Education

Bachelor of Science in Nursing - Old Dominion University, Norfolk, VA, 2010