

A contextual thinker with a practical bent and a human focus.

Icebreakers

I'm a shy extrovert

I play in a weekly Dungeons and Dragons game where I am a Bard.

Communication is most effective when you actively model your partner and validate the model with them.

I'm a regular player of Sirlin's Codex.

Organizations and applications are both abstractions whose meaning comes from their intersection with human needs and values.

Portfolio

vending-machine-kata (ruby)

Source link

Tech: Ruby, RSpec, Rubocop

- Code kata done for an interview
- First time I built a generic repl

Java code katas

Tech: Java, JUnit

rover source - Code kata to learn Java
salesTaxCalculator source - Code kata to practice java

cmm_tasks (rails)

Source link

Tech: Ruby, RSpec, JavaScript

- Code day project for my apprenticeship

Maitre-DBC (rails)

Hosted link, Source link

Tech: Ruby, JavaScript, Rails, Backbone, D3, RSpec, Capybara, jQuery, PostgreSQL, Active Record, ERB, HTML5, CSS

Group final project for DBC, built in 8 days.

My role was implementing

- Backbone models,
- rebuilding D3 visual to use model data,
- getting data from D3 to display on mouseover,
- setting up heroku,
- setting up sessions,
- basic crud for guests.

Keywords

TECHNOLOGIES:

Rails, Rack, Sinatra, Bootstrap, ActiveRecord, Git, jQuery, AJAX, Sidekiq, Backbone.js, PostgreSQL, ERB, HAML, RSpec, Capybara, JUnit, vagrant, PHPUnit, zend

LANGUAGES:

Ruby, Java, JavaScript (JS), PHP, HTML, CSS

PATTERNS:

Trailblazer (post-MVC), Object Oriented (OO), Test Driven (TDD), Pair programming, agile (little a), refactoring, engineering-empathy (EE)

Skills

Technical Skills

New Applications: stand up green-field ruby applications in a classic rails or trailblazer pattern

Extend Applications: modify behavior of existing micro-services applications (ruby, PHP, Java) in well tested / safe ways

Refactor Applications: use/write tests to safely change existing applications to be more maintainable

Trailblazer: implement this post-MVC design pattern (adds abstraction layers to M+C and/or V) to new or legacy apps

Rack Middleware: extend or refactor gems / applications which operate within the rack-stack

Sidekiq: use sidekiq to add asynchronous background behavior to new/existing application

Backbone / jQuery: use backbone or jQuery to add asynchronous front-end behavior to new/existing application

Redis: use redis to cache and retrieve frequently referenced information

Cultural Skills

Active Communication: Listens to, confirms, and communicates the vision/intent of a product-owner for a project, placing PO needs over developer wants.

Transparency: Clearly communicate project status and challenges / opportunities to both technical and non-technical stake-holders.

Solicit Buy-in: Routinely seeks buy-in from other developers via 3-amigos / pair-programming / code-review / informal-consult / etc

Feedback: Routinely provides feedback where organizationally appropriate / requested. Presents feedback so that it includes both premises and conclusions, giving it a more rational / actionable basis.

Experience

Cover My Meds - apprenticeship

Micro-Service Authorization

As a mile stone for deprecating a legacy monolith, developed a micro-service which managed sessions for a hybrid micro-service + monolith ecosystem.

Technologies: JsonWebTokens (JWT), JsonWebKeys (JWK), RSA keys, Trailblazer-rails, Rack, Sidekiq, Redis, Ldap, PHP, PHPUnit

- Built a central application in a trailblazer pattern which was responsible for generating and managing JWT's which would be set in users's sessions.
- Worked on a companion gem which used rack-middleware to provide shared session behavior for client-applications auto-magically.
- Worked on a legacy PHP-monolith so that it can shadow the above gems behavior during the transition.

Other Projects

Worked on a number of small one-off projects in support of various business goals.

Technologies: Sidekiq, MVC-rails

- Added a patch to existing applications to address discovered security vulnerability.
- Wrote a periodic sidekiq worker that deletes sensitive information matching defined business criteria.
- Added a patch to existing applications which passed stubbed user-credentials on a test-server, allowing marketing to easily perform focus-group work in a production-like environment.

Before Coding

IL - ARNG

- Specialist and team-leader.
- Drove trucks in close support of infantry units.

ComPsych

- Determined probable liability of FMLA claims and administered qualifying absences for clients.
- Communicated with HR about how regulations applied to the client's specific situations and what risks were associated with different courses of action.
- Communicated with employees their entitlements and status.