EDWIN STEINMETZ

WEB DEVELOPER

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

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Icebreakers

I like boardgames and dancing, as both provide an explicit context to interact with people (I'm shy by default)

I think there are two distinct kinds of problems. Simple problems are ones that have known solutions, and just require some combination of (effort + discipline + experience) to implement the solution. Complex problems are ones that have unknown solutions and require imagination / vision to transform them into simple problems before they can be solved.

I play Dungeons and Dragons on a weekly basis, as a way of exploring who I would be if I were someone else.

I like contrasting the way an application produces behavior with the way an organization produces value.

Politics is my sports-ball

Education

IL Institute of Technology (IIT) NL Heald Merit Scholarship - 4yr

Dev Bootcamp (DBC)

Filter Bait

Ruby, Rails, Ruby-on-rails, Trailblazer, Sidekiq, Sidekick, jQuery, Backbone, Rack, Middleware, Gem, JavaScript, JS, HTML, CSS, Capybara, Bootstrap, Git, ERB, RSpec, OO, Object Oriented, Agile, Pair, Pair-programing, Refactoring, TDD, Test Driven Development, BDD, Behavior Driven Development, git, GIT, vagrant, .js, PHP, PHPUnit, zend

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Skills

Technical Skills
- Stand up green-field ruby applications in a classic rails or trailblazer pattern
- Extend / modify behavior of existing micro-services applications in well tested / safe ways
- Refactor existing applications into trailblazer pattern (adds abstraction layers to M+C and/or V)
- Extend / modify behavior of rack based applications / gems
- Add asynchronous background behavior to existing application (Sidekiq)
- Add asynchronous front-end behavior to existing application (Backbone and/or jQuery)
- Refactor / build application to take advantage of redis

Cultural Skills
- Listen to + Confirm + Communicate the vision/intent of a product-owner for a project (PO need > developer want)
- Transparently communicate project status + challenges to non-technical product-owners (demystify process)
- Solicite buy-in / participation of other developers on team (counter-force to development-silos)
- Provide feedback which includes both premises and conclusions (depersonalizes and gives rational footing to the feedback)

Experience

Cover My Meds - apprenticeship
JWT-SSO
Technologies: JsonWebTokens, JsonWebKeys, 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

Other Projects
Technologies: Sidekiq, MVC-rails
- Wrote a periodic sidekiq worker that deletes sensitive information which meets 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.

Portfolio

vending-machine-kata - Ruby program
Source: https://github.com/Dwin357/vending-machine-kata
Tech: Ruby, RSpec, Rubocop
- Code kata done for an active interview
- First time I built a generic repl within which I can mount a program.

cmm_tasks - Rails application
Source: https://github.com/Dwin357/cmm_tasks.git
Tech: Ruby, RSpec, JavaScript
- Code day project for my apprenticeship at CoverMyMeds

Maitre-DBC - Rails application
Hosted: http://maitre-dbc.herokuapp.com
Source: https://github.com/Dwin357/maitre-d
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 element to display on mouseover, setting up heroku, setting up sessions, and basic crud for guests.