

Alexander Moore-Niemi

Software Engineer

Recent work

- 2016 "New platform" project: SOA implementation of microservices on PaaS via contributions to core inhouse framework and individual services. Mobile-first API design and implementation.
- 2015 "Core API" project: transition away from shared models via gem to an ActiveRecord-like pattern, loosening coupling to database. Preparatory work on monolithic architecture for decomposition into services.

Professional Experience

- 2014 – Now **Software Engineer**, ZIPCAR, Boston.
TDD in Ruby on Rails. Focus on API design, research in hypermedia and REST. On call and release engineer.
- 2013 – 2014 **Junior Software Engineer**, PROMOBXXX, Boston.
Test first and test last, but not test-driven, Ruby on Rails, and untested Javascript integration.
- 2012 – 2013 **Marketing Automation**, WORLDONE INTERACTIVE, Boston.
Scripting and data analysis for the marketing team.

Keywords

- Languages Ruby, Java, Groovy, Javascript, Swift, Haskell
- Frameworks Rails, Grails, Sinatra, Backbone, Jekyll, Yesod
- Practices TDD, SOA, Pair programming, Functional programming, Kanban, Scrum, Agile

Open Source

- figtree ini_file parsing gem using parslet DSL
- transbucket a photo sharing site for transgender patients
- infection a fun code exercise using BFS and dynamic programming

Volunteering

- 2012 – Now **Transbucket.com**, *Web Developer*, Migrated site from PHP to Ruby on Rails.

Education

- 2012 **Certificate: Computation and Algorithms**, MIT, Boston.
- 2004–2009 **BFA Media Production**, Emerson College, Boston, Graduated with honors.

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