Artur Ostrega

Full-stack web developer

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Skills

Software development

- Strongly value pragmatic approach to problems, solid and extensible architecture, behavior/test-driven development, security by design, clean code, DRY code, KISS, agile software development, convention over configuration, decentralized version control (Git, Mercurial) and open source software stacks.
- Proficient with JavaScript, CoffeeScript, Ruby, Python, the UNIX shell and Vim.
- Some experience with Go, Lua, Lisp, C, C++, ActionScript and PHP.
- 10 years of hobbyist experience before starting professional career.

Front-end web development

- Strict XHTML and HTML5 (semantic web, audio, video, contenteditable, canvas, WebSocket, web storage, geolocation, native drag and drop, file API)
- CSS3 (responsive design, Sass, LESS, Twitter Bootstrap)
- JavaScript (*The Good Parts*, progressive enhancement, AJAX, asm.js, CoffeeScript, jQuery, AngularJS, Ember.js, Modernizr, Firebase, Underscore.js, Paper.js, Jasmine, QUnit)

Back-end web development

- Ruby (Ruby on Rails, Sinatra, Rspec, MiniTest, Test::Unit, Capybara, Guard, Factory Girl, RubyGems)
- JavaScript (Node.js, CoffeeScript, Socket.IO, Jasmine, QUnit, npm)
- Python (Flask, SQLAlchemy, Elixir, unittest, pip)
- Heroku, OAuth, RESTful JSON/XML API design

Design

- Fundamental visual design principles
- User experience design
- Perfectionist attention to detail.

Experience

Freelance web development   February 2013 – present

- **303 Velocity** – Built a script with Ruby and Mechanize that scrapes all Craigslist mobile software development job postings in the world and compiles them into a spreadsheet.
- **Pixabit** – Worked on Dark Age Wars' mature jQuery-heavy front-end to optimize code, fix bugs, implement features and build new parts of the interface.
- **Nuflection** – Created a Ruby on Rails-based web app with a Test::Unit test suite featuring a custom member registration system and scripted HTML5 Video.

Entrepreneurial web development   August 2012 – January 2013

- **Tin Bull** – Anonymous discussion board inspired by reddit and 2channel. Features an innovative throwaway pseudonymity system and a responsive design. Made with Ruby on Rails and has an Rspec/Capybara test suite. http://tinbull.com
- **Piki** – Cloud-based personal wiki application designed to be as comfortable and intuitive as possible. Back-end made with Python, Flask and Elixir; dynamic front-end and wiki editor made with CoffeeScript, HTML5 ContentEditable, jQuery and rangy. http://piki.heroku.com

Education

Triton College   2007 – 2008