Patrick Montalto

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PROFILE AND TECHNICAL SKILLS

Languages: Swift, Ruby, Objective-C, JavaScript, HTML5, CSS3.

Frameworks/Libraries: Ruby on Rails, jQuery, Bootstrap

Other: Xcode, Git/GitHub, TDD with RSpec & Capybara, Deployment with Capistrano, Mina, Heroku, Sketch.

Strong experience in technological problem solving, troubleshooting, documentation, and organization.

PROJECT EXPERIENCE

Ruby Dojo - *https://itunes.apple.com/app/ruby-dojo/id1135266277*
- iPhone application written in Swift using Apple APIs such as UIKit, TextKit, and CoreData.
- Developed custom text editor and dynamic syntax highlighting using regular expressions.
- Utilizes a lightweight backend API to fetch application data and store locally with CoreData.
- User can complete courses and lessons for specific topics in the Ruby programming language.

Virtual Tourist - *https://github.com/patrickmontalto/Virtual-Tourist*
- iPhone application using the Flickr API and CoreData for persistence.
- Users can see Flickr photos for any given geographical location.

On The Map - *https://github.com/patrickmontalto/OnTheMap*
- iPhone application utilizing network requests and APIs to persist and retrieve application data.
- Users can share their location along with a website URL.

Railsbook - *https://github.com/patrickmontalto/railsbook*
- Facebook clone built with Ruby on Rails and deployed to Heroku.
- Achieved lightweight SPA-like functionality using remote forms with AJAX.
- Used test-driven development with RSpec and Capybara to implement core features.

EMPLOYMENT HISTORY

Applied DNA Sciences, Stony Brook, NY   2013-present
Developer, IT at Biotechnology Company
- Developed multiple internal Ruby on Rails applications and configured custom servers and deployment protocols using technologies and platforms such as Ubuntu, Puma, and Nginx.
- Interviewed business leads and document As-Is and To-Be process flows across all departments ranging from Research and Development to Quality Assurance.
- Responsible for technical design and development of software applications, reports, interfaces, enhancements and workflows.

Topaz Lighting and Electric, Holtsville, NY   2013-2014
Business Systems Analyst at Lighting Manufacturer
- Worked to map business process flows in all departments of the company.
- Developed solutions in Microsoft NAV and implemented NAV technical upgrade.

EDUCATION

Stony Brook University, Stony Brook, NY
B.E. in Mechanical Engineering
M.S. in Technological Systems Management

HONORS AND CERTIFICATES

- Stony Brook Academic Scholars Society
- Tau Beta Pi Honor Society, NY Omicron