**STRENGTHS**

* Self-directed and -motivated Ruby and PHP developer.
* Experienced with building and managing websites including bespoke projects and e-commerce, and working with clients to deliver requested products.
* Works well as a participant, facilitator or leader of teams and groups.
* Has lived abroad (Middle East, West Africa), including three years with the US Peace Corps, and is comfortable working across cultural divides.
* Liberal arts degree, including study of classical languages and music, western thought, mathematics and sciences.
* Well-read, articulate individual capable of clear self-expression orally or in writing.
* Proponent of the open source movement; avoids proprietary software.

**SPECIALITIES**

Frameworks

* Rails
* Sinatra
* CodeIgniter

Infrastructure

* Heroku
* Amazon Web Services (esp. EC2, S3, Route 53)
* Rackspace Hosting & Email services
* Google Apps

Web Applications

* Diaspora
* WordPress
* phpBB

\*nix

* OS X
* Debian/Ubuntu/WattOS
* Bash shell scripting (limited)

Languages

* French (conversational)
* Sereer (West-African local language, conversational)
* HTML5 (advanced)
* Ruby (proficient)
* PHP (proficient)
* CSS2 (proficient)
* SQL (proficient)
* JavaScript (proficient)
* SASS/SCSS
* HAML

Databases

* MySQL
* PostgreSQL
* Redis
* ElasticSearch
* MongoDB (limited)

|  |
| --- |
|  |

**PROFESSIONAL EXPERIENCE**

**Founder & Lead Developer 10/ 2012 - Present**

Fadidi Digital Media, LLC.

(www.fadidi.com)

* Web Development company specializing in developing custom Ruby/Rails solutions for Peace Corps posts worldwide
* Offers HostedPost, the managed DigitalPost solution developed by John Brown while at Peace Corps|Sénégal
* Primary Projects (see portfolio for technical information)

Mounce Endodontic Supply

* + - * Worked with owner to survey e-commerce options and select one appropriate for the business
      * Implemented an OpenCart installation in a shared hosting environment

Fadidi Website

* + - * Promotional website for Fadidi Digital Media

**Developer & Designer 02/ 2010 – 10/ 2012**

Peace Corps|Sénégal

(www.pcsenegal.org)

* In the role of sole developer and designer, worked with staff and Volunteers at Peace Corps|Sénégal to develop project concepts, visualize initial design, prototype, test and release the DigitalPost web application.
* As technical consultant, worked with staff to find appropriate solutions to technical challenges.
* Worked with PHP/Apache/MySQL using XAMPP on a MacBook Pro
* Developed Rails apps using VirtualBox Debian/Ubuntu
* Ruby/Gem management using RVM
* Primary Projects:

DigitalPost

* + - * Manages Peace Corps post online presence/assets
      * See portfolio for technical information

Google Accounts/Apps Administration

* + - * Managed suite of Google resources, including permissions, curation, and technical configuration
* Unreleased Projects

Local Language Dictionary

* + - * Simple wiktionary aimed at technically inexperienced native speakers of local languages in the developing world (https://github.com/brownjohnf/talktome)
      * Ruby/Rails app
      * Postgres-backed
      * Omniauth/Devise/CanCan user authentication

Google Public Data Explorer Volunteer reporting data

* + - * Experimented with the Dataset Publishing Language (DSPL) to display Peace Corps|Sénégal Volunteer reporting data

Support ticket system

* + - * Ruby/Rails app designed for two-way 'support' tickets between Peace Corps Volunteers and staff.
      * Enforces a 1-1 initiator/responder model to force transparency and accountability

**Media Producer**, Peace Corps|Sénégal **02/ 2010 – 04/ 2012**

* Developed photos and videos for promotional and educational purposes, using Final Cut Pro and Adobe Photoshop

**Agroforestry Extension Agent**, Peace Corps|Sénégal **08/ 2009 – 02/ 2010**

**Teacher & Touchstones Advisor**, Brummana High School, Lebanon **09/ 2008 – 03/2009**

**Rowing Coach**, Annapolis Rowing Club & St. John's College ([www.sjca.edu](http://www.sjca.edu)) **08/ 2007 – 05/ 2008**

**PROFESSIONAL PORTFOLIO**

**DigitalOnslaught**

(digitalonslaught.com)

* Technical blog, discussing challenges encountered and overcome
* Includes tutorials and commentaries on external tutorials
* Informal, in-progress WordPress site hosted on Heroku backed by Xeround Cloud Database
* Started as experiment with hosting WordPress sites on Heroku

**Fadidi.com**

(fadidi.com)

* Built with Sinatra as a simple templating engine
* Hosted on Heroku platform
* Pony gem for fast, simple outgoing mail

**Customized Gotcha Gem**

(github.com/brownjohnf/gotcha)

* Wanted to select between a math problem or inputting a string backwards instead of a random CAPTCHA
* Forked the Gotcha gem and modified it to allow setting it to math, backwards string, or random
* Gem currently in use at fmpcl.com

**DigitalPost**

(fadidi.com/digitalpost, github.com/fadidi/DigitalPost)

* Ruby/Rails app (~1.9.3/~3.2)
* TDD using Rspec/Capybara with Spork
* Running on Heroku platform
* Mailgun/SendGrid add-ons for sending/receiving email
* Heroku Postgres for primary data store
* Redis To Go add-on for noSQL data manipulation (stats, primarily)
* SearchBox ElasticSearch add-on w/shared index for cross-instance searchability
* Omniauth implementation w/ Devise and CanCan for OpenID authentication
* Twitter Bootstrap framework
* Bit.ly API integration for auto-generated shortlinks and QR codes containing Google Analytics tracking data
* Google Analytics integration

**F\*\*\* My Peace Corps Life**

(www.fmpcl.com)

* Ruby/Rails app
* Devise/CanCan authentication
* Hosted on Heroku platform
* Pusher add-on for real-time push notifications of posts
* Google AdSense advertising integration
* Modified Gotcha gem for human verification of anonymous posters

**Mounce Endodontic Supply**

(store.mounceendo.com)

* OpenCart e-commerce platform installed in shared hosting environment
* MySQL-backed
* Minimal template/theme modification
* Supervision of configuration
* Providing ongoing technical support to MounceEndo staff

**Stomping Out Malaria in Africa**

(stompoutmalaria.org)

* Providing occasional assistance with technical matters such as database backups, cloning, updates and plugins, HTML/CSS customization, and general troubleshooting.

**EDUCATION**

Saint John’s College, MD **2008**

Liberal Arts