

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)

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
Liberal Arts

2008