

MATTHEW R. DZIUBAN

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SKILLS

LANGUAGES

Ruby
PHP
Python
JavaScript
CSS, LESS, & SCSS

FRAMEWORKS

Rails
Yii
Node.js
jQuery
Underscore.js
AngularJS
Backbone.js
Bootstrap 2/3

TOOLS

Amazon Web Services
Chef
Docker
MySQL, Postgres, SQLite
MongoDB
Apache
Nginx
Redis

OTHER

Quick & Eager Learner
Efficient Communicator
Team Player
Agile Development & Scrum
Scalable Design
Leadership
Time Management

EDUCATION

COLLEGE OF WILLIAM & MARY

Bachelor of Arts in Economics &
Middle Eastern Studies
Magna Cum Laude, GPA: 3.72

HONORS

Department of State Scholarship
for Arabic study in the Middle East
James Monroe Scholar, including
grants for independent research
Dean's List
National Society of Collegiate
Scholars

EXPERIENCE

LOCALYTICS

Software Engineer II (April 2015 – Present)

- Discover and implement performance improvements to reduce average request time by 30% in the Localytics API and by 50% in server time in the Localytics dashboard.
- Create and maintain Chef cookbooks to deploy production servers, including updating production Ubuntu and Ruby versions.
- Enhance the ease of deployment and production system management by developing internal tools and making them available via chatops.
- Coordinate the transition to a new generation of Localytics' big data database cluster with no downtime.

STREETWISE MEDIA

Web Developer (Oct 2013 – April 2015)

- Maintained and improved existing PHP codebase for websites built on the Yii MVC framework.
- Implemented new features to enhance usability and user experience for both partners and consumers.
- Actively sought out and learned new technologies to utilize in projects, such as the use of MongoDB to model and store analytics data for partner companies' content.
- Facilitated the expansion of the Streetwise Media brand with the addition of new sites in Chicago, Seattle, Los Angeles, and Austin.

PROJECTS

CHEF SERVER MANAGEMENT

- Spearheaded efforts to develop an application-specific Chef cookbook and deploy servers using AWS CloudFormation.
- Upgraded Localytics dashboard servers from Ubuntu 10.04 to 14.04 and from Ruby 1.9.3 to 2.2.2, which paved the way for an upgrade to Rails 4.
- Reduced server response time, via time spent in Ruby and garbage collection, by 50%.

API PERFORMANCE IMPROVEMENTS

- Discovered and implemented a series of performance improvements in the Localytics API that decreased response time by 30% overall.
- Improved performance of caching strategy to reduce time spent in cache fetches by up to 97% per request.
- Researched and employed the circuit breaker pattern to prevent long-running database queries from affecting other API queries.

A SEARCH OF ICE AND FIRE • asearchoficeandfire.com

- Built a single-page, static site to provide full-text search of the A Song of Ice and Fire books.
- Scaffolded a serverless hosting architecture using AWS S3, CloudFront, and Certificate Manager.
- Utilized Elasticsearch with a custom mapping for fast, full-featured search.

LAURA BROND PHOTOGRAPHY • laurabronphotography.com

- Implemented Rails with jQuery File Upload for file upload, MiniMagick for image processing, and Carrierwave to store images on AWS S3.
- Employed several JavaScript libraries with slight alterations to add desired features.