

MATTHEW BILLINGS

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SUMMARY OF QUALIFICATIONS

Software Development Manager with bachelor's degree in Computer Science, 15 years of web development experience, and four years of supervisory experience. Management experience includes tech leadership, course instruction, and direct staff supervision. Skilled at Ruby on Rails, CoffeeScript, PHP, MongoDB, MySQL, HTML, CSS, and JavaScript; familiar with Python, Arduino, and Processing.

WORK EXPERIENCE

Pindrop, Atlanta, GA 2015 to Present
Software Development Manager

- Responsible for mentoring, performance evaluation, and monitoring of contribution to projects from initiation through delivery for six direct reports
- Created new hire orientation program featuring buddy system and goal evaluation milestones
- Developed cross-team engineering evaluation program to identify pain points/ create initiatives for improvements and continue to monitor solution implementation
- Managed remote contractor team of four developers and three in-house developers for install and upgrade project, reducing processing times from six hours to one hour
- Led cross-functional initiative between Engineering, Quality Assurance, and Product teams to determine inter-team contracts and improve communication to ensure efficient outcomes

Tapjoy, Atlanta, GA 2012 to 2015
Engineering Manager

- Permanent manager for three direct reports and responsible for performance of up to seven employees across two sub-teams as Team Lead
- Ran sprint board and coordinated planning efforts for annual key objectives
- Developed integral components of custom backbone.js Admin Management Dashboard
- Coordinated timelines with remote contractor team of five software engineers
- Co-created hyper-performant compound ad unit system using CoffeeScript
- Created angular.js glossary site to onboard new employees
- Authored one-off scripts to correct database errors
- Maintained inherited Ember.js app sales tool to monitor potential ad reach based on demographic segmentation

Remark Media, Atlanta, GA 2010 to 2012
PHP Developer

- Developed several portions of Sharecare.com using Zend Framework, MongoDB, and JavaScript
- Developed custom JavaScript rotator with corresponding Admin Management Console
- Load tested and optimized load times and throughput with Apache Benchmark and XDebug
- Created several MapReduce and data migration scripts for MongoDB
- Co-created RESTful API in Lithium framework for social media platform
- Implemented frontend to API communication using Backbone.js and Require.js

Threespot, Washington, DC 2007 to 2010
Sr. Web Developer and Technical Lead

- Led technical design and development of 10+ PHP websites and applications with project scope including custom CMS, museum curation web application, multi-site company wiki, and social networking app
- Developed new functionality for existing webapp in Ruby on Rails built around Harvest API that allowed for additional budget tracking
- Initiated adoption of Drupal as mid-tier CMS solution to improve development turnaround
- Supervised development team when serving as Technical Lead on American Civil Liberties Union and Humane Society website redesigns

- Taught cross-training classes to members of technology and design team on engineering topics including PHP, jQuery, and Arduino microcontrollers
- Completed six-week Python/Django class
- Served as Tech Team representative on Threespot Process Team, inter-departmental committee focused on increasing company efficiency and team building

Freelance Web Developer

2001 to Present

- Designed and created websites for non-profits and small businesses
- Created animated JavaScript graphs for use in real-time analytics
- Refactored front end API interface to use Backbone.js along with Require.js
- Web development projects included creation of PHP administration console and feedback tracking for targeted mailings, establishment of alumni database with Google Map interface, and refactorization of JavaScript code

Intelli7, Washington, DC

2005 to 2007

Web Developer

- Led front end efforts for administration console of network monitoring application
- Designed and implemented web applications using object-oriented PHP following MVC design pattern using Code Igniter and SMARTY templating engine
- Worked with Flash developer to create RESTful API

American University, Washington, DC

2003 to 2005

Webmaster

- Designed and implemented events calendar using ColdFusion/Access
- Designed and developed hardware and software inventory tracking program using PHP/MySQL
- Redesigned six and maintained approximately 12 departmental web sites
- Supervised two student employees and provided technical support to faculty and staff of 40

Digital Insight, Athens, GA

1999 to 2003

Web Developer/Team Lead

- Managed staff of five web authors and developed more than 25 online banking websites using ASP, HTML, Javascript, and CSS
- Authored Java-based toolkit to automate template building process, reducing build time by up to 20%
- Taught Adobe Photoshop class to eight members of technical team in areas including art production from PSD, image formats, and image optimization

EDUCATION

B.A. Computer Science, University of Georgia, Athens, GA

1999

COMPUTER SKILLS

Programming: Ruby, CoffeeScript, Rspec, Karma, Jasmine, node, grunt, gulp. PHP, HTML, MySQL, CSS, JavaScript, jQuery, Backbone.js, Require.js, Angular.js, Ember.js, R, Python, Django, Arduino, Processing

Version Control: Git, Subversion, Mercurial

CMS Experience: Drupal, Wordpress, Silverstripe, Movable Type

Office Applications: Photoshop, Sublime Text, vim, Notepad++, Komodo Edit

Platforms: Mac OSX, Linux, Windows

ACTIVITIES AND INTERESTS

Photography, DIY electronics, homebrewing beer, coffee, music, computers