Tyler Cipriani

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(720)-515-CIPY (2479)

Experience

SparkFun—*Web Developer/Systems Administrator*—**Niwot, CO** Nov. 2013–*Present*

- Build continuous integration system with Jenkins, OpenStack, CasperJS and PHPUnit
- Move important table logging from MongoDB to PostgreSQL-trigger audit trail
- Create android-tablet-based HTML5, JavaScript-MVC shipping software that allows warehouse pickers to pick 20 orders in the time it used to take to pick one
- **Environment:** PHP, PostgreSQL, Debian, nginx, MongoDB, Memcached, Beanstalk, Nagios, Jenkins, CasperJS, PHPUnit, Git, jQuery, QUnit, Bootstrap

UpSync—*Web Developer/Systems Administrator*—**Boulder, CO** Oct. 2012–Nov. 2013

- Developed features for mobile, offline project with Zend (PHP 5.4, at the time) and a smattering of Objective-C and JavaScript
- Engineered, supported, and secured load-balanced VPC CentOS-6-based LAMP stack on AWS
- Produced several offline mobile web applications specifically built for iOS using Backbone.js, AMD, and WebSQL storages synced with MySQL 5.5
- **Environment**: AWS, CentOS, Zend (PHP), MySQL, XCode/Objective-C, SVN, Nagios, Cacti, WebSQL, AMD.js, Backbone, jQuery, D3

Custom Channels—*Director of Technology*—**Boulder, CO** Aug. 2009–Oct. 2012

- Built and kept-up small pool of Xen-based virtual servers
- Produced and maintained Linux (CentOS and Ubuntu) servers for file storage, streaming media, and web applications in virtualized Xen environment
- Developed, designed, and architected internal and customer-facing web services to:
  - Stream shoutcast channels, add and ban tracks from your library and build new streaming channels on-the-fly via web interface
  - Automate management of 100s of thousands of OGG, FLAC and MP3 files using Rsync, SoX, FFMPEG, Python 2, and a fair amount of Bash
- **Environment**: Xen, Ubuntu, CentOS, Perl, Wordpress, MySQL, IceCast, OPML, Git, Nagios, Prototype, Bootstrap

Wichita State University—*Media Resource Assistant*—**Wichita, KS** Aug. 2007–May 2009

- Maintained website using internal campus CMS
- Created and designed campus-wide mailings and emails using Adobe® Creative Suite® software
- Provided support during campus-wide Banner ERP transition

Education

Wichita State University—*Entrepreneurship*—**Wichita, KS** May 2009

- Bachelor of Business Administration
- Magna Cum Laude
- Minor in Management