



Jason Wright

Linux Admin & Software Engineer

CONTACT

Email jason.dee.wright@gmail.com

LOCATION

Region Arizona

LANGUAGES

English Native speaker
Spanish Poor

WORK EXPERIENCE

2016-02-01 TILL 2016-10-14

CTO at [Ivio LLC](#):

Makes all of the tech decisions.

- Maintained vision on the Development team
- Encouraged professional and personal growth
- Created various internal projects to cultivate team inspiration and alleviate internal stresses
- Managed sprints
- All previous Invexi responsibilities (see below)

2015-01-25 TILL 2016-10-14

Senior Software Developer at [Invexi LLC](#):

Manages database and framework architecture and server deployment.

- | Advised upper management on Agile development practices
- | Maintained daily standups, SCRUM practices, and oversaw Jira and Slack integration
- | Wrote various slack integrations using PHP and Python
- | Planned, designed, and executed feature improvements within custom WIGUM framework
- | Tutored coworkers on best practices surrounding code performance and developmental efficiency
- | Implemented and enforced agreeable coding standards
- | Wrote and implemented a one-click code and database update module
- | Managed countless production deploys
- | Configured CentOS and Ubuntu servers for staging and production environments
- | Cut server migration time down from weeks to days
- | Set up Nagios monitoring, wrote custom integrations with PHP and Python
- | Bash automation and provisioning
- | Vagrant / VirtualBox development and provisioning scripts
- | Recovered client data from backup software images by mounting through Vagrant/VBox
- | Configured office network with a Ubiquiti switch

2011-05-01 TILL 2015-01-05

Senior Software Engineer at [SyCara Local](#):

Full platform and software development and innovation.

- | Promoted to senior level within a year
- | Custom server & data center builds
- | Handled Linux updates without downtime
- | Ubuntu Server setup and performance tuning
- | Configured raid0, raid1, and raid10 using custom stride and chunk for optimal performance
- | Monitored system performance using top, iostat, jstat, mdadm, hdparm, and custom logging
- | Successful 1TB data migration from AWS cloud
- | Wrote bash and python provisioning scripts
- | Configured Nagios SMS reporting across entire network
- | Researched database solutions for best blend of performance, reliability, warehousing, scalability, and ease of development
- | Configured Solr, Hazelcast, Memcached, PostgreSQL, MySQL, MongoDB, and Redis clusters for replication
- | Set up & Managed NFS shares
- | Handled recoveries from raid1 and raid10 failures
- | Versioned local dev-box Vagrant environments via provisioning
- | Wrote countless data conversion scripts between MySQL, PostgreSQL, MongoDB, Redis, and Solr in PHP, Python, and Bash
- | Configured logrotate to minimize potential disk space issues from verbose logging
- | Designed & developed scalable multi-threaded scraping system
- | Led new feature planning and scoring sessions and whiteboarding
- | Participated in Agile Scrum development cycles
- | Strict Object Oriented PHP 5.4+

2010-08-01 TILL 2011-12-01

Web Developer at [Superstition Review \(ASU\)](#):

Designed and developed a custom CMS

- | Managed LAMP environment
- | Wordpress Installation
- | Created Custom AJAX CMS
- | Solicited famous poets for contributions

2007-03-01 TILL 2011-06-01

Office IT / Web Developer at [Brown's Partsmaster, Inc:](#)

In-office IT Support and Web Inventory

- | Managed Inventory Accuracy of Over 10,000 Items
- | Provided Hi-Res Photos of Inventory
- | Windows SBS Maintenance
- | Basic Linux Server Maintenance
- | Installed and re-installed Adobe Reader. A lot.

CHARON PASSWORD MANAGEMENT

Lightweight Password Managment Tool

- | Demo App: <https://charon.blackmast.org>
- | Github: <https://github.com/chordstricken/charon>
- | Login: charon
- | Password: ferryman
- | PHP, AngularJS
- | Custom Password Management System
- | Useful for sharing passwords across a small team
- | Client-side and Server-side encryption using 256bit AES

CENTRAL ARIZONA SHELTER SERVICES (CASS)

Website Maintenance

- | Help Development department with website maintenance

SCOTTSDALE DIAMONDS, INC.

2012-11-01 TILL 2013-01-01

Authored Custom Website & CMS

- | Designed & Developed Website
- | Custom CMS System
- | AJAX, PHP 5.5, MVC, MongoDB, AngularJS

EDUCATION

2007-08-01 TILL 2011-12-01

Arizona State University

- | Bachelor: English Creative Writing (Poetry) (4.0)

SKILLS

Languages: PHP, Javascript, NodeJS, Bash, Python, R, Java, C, Octave

Linux: Data Migration, Horizontal Scalability, Multi Threading / Parallelization, Machine Learning, TLS/SSL, Object Oriented / MVC, Centos, Ubuntu

Applications: MySQL, PostgreSQL, MongoDB, Memcached, Hazelcast, Redis, Apache2, Tomcat, NginX, NFS, Nagios, Cordova, Solr / Lucene

Libraries & Frameworks: Vagrant, Aptitude, Git, Android, SASS/SCSS, Compass

INTERESTS

Poetry, Fiction, Fantasy, Science Fiction, Music, Gaming