

James McGuire

Curriculum Vitae

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Core Technical Skills

Systems ESX/VMWare, RHEL/CENTOS 6, Debian Based Distributions
Languages GO, PYTHON, RUBY, PERL
Specialties Linux Administration, Documentation, Automation, New-hire training

Experience

2013–Present **Linux System Administrator**, CONSERT, San Antonio, TX.

Worked on a team of two to provide all support for the Linux infrastructure. In my spare time I assist the development team by building and maintaining a large portion of our inventory management web application.

- Development
 - Maintain and develop inventory management application built using RUBY ON RAILS
 - Develop scripts for monitoring via Nagios
 - Bug fixes and modernization of legacy perl code base
- System Administration
 - Manage server configuration through Puppet
 - Monitor infrastructure via Nagios with CheckMK
 - Configuration of NetApp storage
 - Maintain OpenVPN for remote access
 - Centralized user administration through OpenLDAP
 - Provision and manage virtual machines in VMWare vCenter cluster

2012–2013 **NOC Engineer**, CONSERT, San Antonio, TX.

Managed a network of 10000+ embedded Linux devices deployed to customer's homes.

- Development
 - Wrote shell scripts that were implemented in embedded environments for automated recovery of lost devices
 - Headed, completed, and supported a project written in Python for automating part of a customer's testing work flow
 - Built a wiki bot in Perl for automating most of my team's shift hand-off process
- System Administration
 - Built and supported the company chat server using ejabberd with LDAP integration
 - Administered RHEL Servers and embedded Linux devices
 - Supported approximately 11000 servers and devices with a team of 10
- Documentation
 - Major contributor to the company wiki
 - Assisted others in learning wiki markup and walked them through transferring documentation

2010–2012 **Support Desk Year Round Intern**, HEWLETT PACKARD, Bentonville, AR.

Supported a very wide range of HP equipment deployed in Walmart Stores and Datacenters. My team was responsible for everything from a photo kiosk to mission critical mainframes.

- Development
 - Wrote scripts to automate common tasks and gather information
 - Redesigned existing legacy tools for compatibility with newer operating systems, and fixed a number of bugs
- Support Technician
 - Supported servers in retail stores, distribution centers, and datacenters
 - Administered HP-UX, Windows, Linux, and VMWare servers
 - Worked with developers to track down problems
 - Supported approximately 7000 servers with a team of 25
- Special Projects
 - Helped refine the process for imaging VMWare clusters
 - Assisted technicians with hardware installs

References

Jon Duarte

Tier 2 Support

Consert

✉ jduarte@consert.com

☎ (210) 827-2777

Charles Witt

NOC Lead

Consert

✉ cwitt@consert.com

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Chad Wilson

System Architect

Consert

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Aaron Miller

Developer

Couchbase

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