César Augusto Tijerina

Sysadmin / Project Manager / Web Technologies

tije@nuvems.com | Monterrey, Nuevo León, México

Qualifications Summary:

- Unix/Linux Systems Administrator and Engineer for medium and large sized infrastructure deployments working with highly demanding clients (HCPs and Infrastructure/services providers).

- Specialized in Red Hat and SuSE environments with complex requirements and multiple teams. Familiar with legacy SunOS/Solaris environments.

- Automation and remote management using Ansible and Red Hat tools like Satellite, IDM, Tower.

- Clustering environment creation configuration and management using the corosync/gfs2 suite.

- Virtual Machine lifecycle management from a VSphere/VCenter/VMware environment.

- Base knowledge of Cloud platform providers like Google Cloud and Openshift.

- Familiar with ITIL processes and methodology for multinational companies and complex teams with multiple requirements.

- Terse documentation writing for operational teams and de-facto trainer for onboarding process.

- Sysadmin used to oncall rotation and complex shifts providing service to multiple clients.

- Experience with Solaris/SunOS legacy servers on multiple hardware stacks.

- Currently undergoing Linux Foundation Certified Engineer certification program.

- Completed Red Hat Ansible Delivery accreditation, Red Hat Delivery Specialist, Sales Engineer for Virtualization, Hybrid Cloud Infrastructure, IT Automation and Managementa and IT Optimization accreditations.

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- Experience with Hardware migrations and operations involving multiple teams and complex processes.

- Multiple faceted profile as a Sysadmin, Frontend Web Developer and Project Manager, giving insight into a full Devops stack of requirements and services.

- 5 years of experience working as a System Administrator for GNU/Linux servers used for web hosting projects. Familiar with CentOS/RHEL/Debian/Ubuntu variants.

- Experience with the LAMP (Linux, Apache, MySQL, PHP) stack of services, from creation, configuration and maintenance to backup and termination for servers running over 100 different domains with thousands of active users.

- Shell scripting (bash/sh), scheduled task management (cron) and SSH remote administration and troubleshooting. GIT version control servers setup.

- Domain management, setup and configuration for different sized clients (from very small local business to large Industrial groups).

- Web development with a focus on frontend / User Experience on responsive design. Extensive use of frameworks like Zurb's Foundation and Twitter's Bootstrap. HTML 5, CSS3, SASS, LESS and jQuery.

- Search Engine Optimization of websites, familiar with Technical factors like page speed performance, code quality, Structured Data and Content marketing.

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Work Experience (most recent):

Technical Expert for Web Systems
Mar 2017 – Present
Atos - Monterrey Area, Mexico
Service Unit Lead for Unix / Linux Websystems Management, Technical Support,
Monitoring, Provisioning and Configuration.
Server Lifecycle management for Red Hat, Suse and Solaris.
OnCall shift duty for LATAM teams and multiple service accounts management and
support.

Project Manager for Web Technologies
October 2013 — February 2017
First Consulting Group / WSI First Solutions
In charge of all of WSI Web development projects, operations and services. Managing
a small team developing web aplications and ensuring the smooth running of all
services (de facto leader of all Tech support and management). Created and
implemented an operations metholodogy based on Agile principles.

Sysadmin for Web Technologies
January 2011 - September 2013
First Consulting Group / WSI First Solutions
System administrator in charge of all web operations. Managed web hosting
GNU/Linux and Windows legacy servers for over 100 domains, unified all operation
practices. Started as an intern, moved to Sysadmin and Web Developer, up to Project
Manager.

Technical Reviewer for Frontend Technologies
2014 - Current
Packt Publishing
Hired to do a technical review of two books about Zurb's Foundation Framework (I'm
listed as a contributor in both of them).

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Career Highlights:

- Unified all web operations to a LAMP (Linux, Apache, MySQL, PHP) stack to simplify creation, management and development of Web projects.

- Implemented monitoring and statistics software for WSI's web platforms (Piwik, PHP Server monitor, monitorix).

- Migrated all development to Open Source stacks: Foundation, Bootstrap, jQuery and many others for Frontend. LAMP for the backend, git for source control, atom, Brackets, emacs and vim for editors, Ubuntu and CentOS as hosts for Web development.

- Did technical reviews on the editorial level for a multinational publishing company (Packt).

- Automated several maintenance tasks and reports by different means, from Shell scripting + cron on the server side to IFTT + Slack on the web.

- Created and implemented a local backup strategy based around open source tools (rsync/unison).

- Managed Web Projects for small distributed teams with multilingual, multinational clients.

- Built and deployed Executive Dashboards (fully web based) for Project tracking.

- Implemented version control in all development projects using git, first on a self-hosted Virtual Private Servers and then migrated succesfully to Atlassian's Bitbucket.

- Research and development for new services like Web security audits (using opens source tools like Vega) and monitoring/reporting.

- Created and implemented a metholodogy for development/operations of WSI's web projects based on Agile principles.

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- Standarized and implemented security practices on all management activities (policies for password usage, information management, operations security and tools).

- Installed, configured, extended and deployed over 30 different open source web based solutions to provide different services, ranging from ecommerce on the Magento platform to elearning using efront lms.

- Setup, configuration and management of a virtualized server for an elearning platform with over 3000 active users for Samsung's MHO project.

- Implemented Operations Security policies on all levels of the organization (encrypted filesystems on local backups, password managers for work accounts like LastPass and Keepass, documented contingency plans for hacks and intrusions on Websites and service accounts).

- Created an entire process / methodology for WSI's SEO services.

- Training and consulting for WSI's franchise network Internet Consultants teams on all technical levels.

Education:

Systems Engineering 2005 – 2011 Bachelor's Degree, Major in Software Engineering
Instituto Tecnológico de Saltillo

Skills:

- Systems administration for web hosting services on modern GNU/Linux platforms.

- Project Management, team organization,milestones planning, time management and client communications.

- Frontend Web Development following web standards and best practices.

- Technical SEO based on page speed performance, Structured Data with XML +

json, HTML 5 optimization and accesibility techniques.

- Tech support and troubleshooting on multiple levels and for different technical skillsets.

Languages

English - 90%
Already proficient at the Technical and Executive levels, written and spoken.

Spanish - 100%
Hispanoparlante nativo, lengua madre.

Portuguese - 10%
Começando a formação linguística.

Tools and Technologies:

- GNU/Linux as main development and provisioning operating system. Proficient in Debian/RedHat based distributions.

- Apache Web Server, Nginx provisioning, operation and performance enhancements.

- PHP / Javascript/ Jquery as main development languages.

- Emacs/VIM text editors.

- Eclipse IDE / Eclipse CHE.

- git version control system (setup, management and daily use).

- Shell scripting (sh, bash, zsh) for automation.

- Basic perl and python for scripting.

- OpenVZ, whm, cPanel, Plesk, zPanel for web hosting management.

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- Openshift Origin as Platform provider.

- Google Webmaster, Analytics, AdWords, Adsense, Structured data tool and page speed for monitoring and SEO of websites and web applications. Digital Academy cirtification for Google Analytics and ongoing Google Partners Webmaster training.

- Basic Node.js setup, configuration and management (used as provider for some of build services like bower and gulp).

Stumbles:

- Created and operated my own web hosting startup (mknode), managed entire operations for microhosting creation, management, billing and marketing. Lasted for two years, maximum of 46 active users at its peak. Closed due to becoming non-profitable.