Steven Barré

311 - 3185 Barons Road | Nanaimo, BC, V9T 5T3 | 250-618-1978 | steven@stevenbarre.com

PROFILE

Diligent, thorough, and detail oriented Linux Systems Administrator. Possesses strong knowledge in Red Hat based systems, and PHP based web applications. Proven ability to maintain customer facing web and email servers. Experience with OpenStack, Chef, and cloud hosting. Eager and motivated learner.

OBJECTIVE

I wish to join your amazing and growing organization with which I can share my skills and experience as well as learn from others who've had diverse experiences. I'm seeking a place where I can grow and hone my skills as a Linux systems administrator.

SKILLS

System Administration

- Chef, cloud-init
- OpenStack (Folsom, Grizzly, Havana)
- Red Hat / CentOS (4-7)
- MySQL configuration, tuning, replication, backup, MariaDB (4.1-5.5)
- Mail Server Administration, Spam defense (qmail / postfix / spamassassin)
- Apache configuration, tuning, SSL/TLS
- NGINX, Varnish
- Sphinx Search
- Gearman

- BASH Shell Scripting
- SonicWall firewalls (and a deep understanding of networking in general)
- Webmin / Virtualmin / Plesk

Web Development

- PHP, MySQL
- XHTML, HTML5, CSS,
- Javascript, JQuery
- Bootstrap
- Git, Subversion

EXPERIENCE

Senior Systems Administrator | Real Estate Webmasters Inc.
February 2012 - Present

- Growing hosting infrastructure to 28 dedicated servers, and two OpenStack based private clouds
- Working with our hosting partners Rackspace to engineer our private clouds to best suit our needs and budget
- Creating Chef recipes for web and database servers
- Working with a programmer to create a web control panel for our cloud hosting to allow Tier 1 CSR to easily set up and administer customer domains as we moved away from Plesk
- Creating Sphinx based email indexer to keep track of cron emails (250k emails a month)
- Setting up Cacti for historical performance data, and alerting with Check_MK (a Nagios wrapper)
- Setting up VPN tunnels as we expanded to a second and then third office
- Working on codebase making improvements related to server stability and utilization.
- Work with customers and codebase to reduce spam complaints against our servers

Steven Barré

311 - 3185 Barons Road | Nanaimo, BC, V9T 5T3 | 250-618-1978 | steven@stevenbarre.com

Systems Administrator | Real Estate Webmasters Inc.
January 2010 - February 2012
- Managing hosting infrastructure as customer base grew exponentially
- Advising programming department on ways to improve performance of codebase and reduce downtime
- Managing DNS services for 1000+ domains
- Creating a process for upgrading customers from older versions of our software to newer ones and training other staff.
- Dedicated on-call duty
- Top escalation point for all technical issues including DNS, database performance, and site speed
- Creating in-house server monitoring / alerting system using Twilio

Systems and Support Manager | Real Estate Webmasters Inc.
June 2008 - January 2010
- Took an active role in server management and on-call duty
- Solving customers technical challenges with email and server performance
- Providing in house desktop administration / networking
- Fixing bugs in codebase and improving performance as customers database size increased
- Standardizing process and implementing a checklist for moving customers from development server to production server

Programmer | Real Estate Webmasters Inc.
August 2006 - June 2008
- Setup SVN repository and standardized codebase into a product increasing programmer productivity
- Built second generation of our product Customer Relation Manager software improving customer productivity
- Assist and educate fellow programmers with improving performance of MySQL queries and schema
- Basic server maintenance, tuning, and growth planning.
- Wrote ETL scripts to retrieve data from regional Multiple Listing Service boards and store in a database.

CERTIFICATIONS
Red Hat 7 Certified Engineer March 2015
Red Hat 6 Certified Engineer November 2011
Red Hat 5 Certified Technician July 2010

EDUCATION
Information Technology Applied Systems Diploma
Malaspina University/College — April 2006 — Graduating top of my class