Richard Genthner

PROFILE

I'm Senior Systems Administrator, Network Administrator and Developer who just loves to learn something new.

EXPERIENCE

SENIOR SYSTEM ENGINEER, CENTURYLINK CLOUD, SEATTLE, WA 2015-PRESENT

Senior Engineer providing DevOps, production and customer support for CenturyLink Cloud, the all-in-one cloud platform that delivers high-performance, secure, reliable and scalable cloud solutions for all workloads.

SENIOR SYSTEM ADMINISTRATOR, SYMPLICITY, ARLINGTON,VA 2009-2015

Worked in a three man team to manage all servers and networks. Worked closely with cluster file systems such as GPFS and Ibrix. Experience with SAN configurations and lun assignments. Network device con- figurations such as wireless access points, firewall's, routers, servers and workstations. I handle web application development for status monitoring, Work with a team to plan and development system administration web applications that handle cron job administration, virtual host creation using web services and managing of xen/kvm/vmware hosts, and virtual machine images. Handle Data center services with my team. I manage the companies FreeSwitch PBX server, which I wrote a custom rest api for with complete database driven dial plan.. I manage all new server deployments using kickstart and handle configuration deployment with puppet/chef/salt stack. Managing a LXC infrastructure and Datacenter services and deployments. I helped build and maintain 30 physical database hosts here in the US, 2 in the UK, and 1 in Canada. With each one having anywhere from 30 to 250 mysql databases on them. I have experience to keep them PCI complaint and meet DoD requirements. I have automated the setup of Master -> Salve replication over SSL and Non-SSL. I have managed the mysql users access. I have also helped with performance tuning them, trouble shooting large queries, index issues and upgrades. I have run database migrations on them, altered production data with out locking the tables before. I have written tools to watch the database for long running queries and kill them and to generate reports and email them to developers

DEVOPS TEAM MEMBER, FLOWROUTE, SEATTLE, WA 2014-2015

I was a member of the devops team. I worked with other teammates to support the developers, customers and telecommunication services. I worked with salt stack, python and ruby. I was in charge of a complete network audit of hosts and services. Worked with the team to migrate from a private cloud infrastructure to public cloud infrastructure like AWS or Digital Ocean. Managed a LXC server infrastructure.

EDUCATION
ROCHESTER INSTITUTE OF TECHNOLOGY — BS IN IT - 2008

SKILLS
I have knowledge of the following skills: RedHat Linux, Debian Based Distributions, Mac OS X, Free- BSD, Windows Server, Apache, Bind, MySQL, MSSQL, Chef, Puppet, Asterisk, VoIP, FoIP, PHP, Ruby, Python,Javascript, Bash, Project management, Development Cycle Planning, Xen Vm, KVM, VmWare, VPN, Linux Web Clusters, NFS, Cluster File Systems, Salt Stack, FreeSWITCH , AWS, Digital Ocean, CenturyLink Cloud

REFERENCES
Available upon Request