

Systems Architect Systems Architect Systems Architect - Endurance International Group Work Experience Systems Architect Endurance International Group August 2013 to Present Tech Used: Linux, Puppet, Openstack, Ceph, KVM, LXD, razor, LVS / keepalived, MySQL ? Deployed and managed small to medium openstack clusters of up to 500+ nodes with high availability ? Performed a POC of EMC ScaleIO and Ceph and ran benchmarks to estimate and compare cost per IOPS and cost per GB ? Deployed and managed small Ceph clusters of up to 8 nodes to host virtual machine volumes via openstack cinder ? Created a highly available LVS cluster using keepalived to serve package repos, DNS, openstack APIs and puppet ? Deployed and managed highly available puppet in a multiple master configuration ? Automated OS installations using razor, kickstart and preseed ? Configured and used LXD backed by ZFS for running containers for internal use cases ? Setup a metrics collection and reporting platform using influxdb as a backend for grafana via graphite-api Systems Administrator / Architect Directi November 2003 to August 2013 Tech Used (Current): cobbler, puppet, apache, mysql, nagios, bash, python Tech Used (Defunct): serveriron, tomcat, slony, asterisk, qmail, C ? Automated OS installations using cobbler and kickstart ? Deployed and managed linux shared web hosting servers using Apache, PHP/fastcgi and MySQL ? Wrote various puppet modules for configuring apache, mysql, postgresql, slony, system users and various others ? Wrote incremental backup scripts using bash and rsync ? Setup and managed nagios with plugins, eventhandlers and performance tuning ? Setup and managed a highly available java web application using a hardware load balancer (serveriron), tomcat and postgresql ? Setup and managed asterisk open source IP-PBX to provide PSTN and VOIP services for the entire organization ? Built and maintained a web based interface using js/php/perl/MySQL for users to manage their SIP phone extensions, voicemail, call records, conference calls etc ? Setup and managed qmail, courier-imap, ezmlm, clamav and horde for shared email hosting services ? Wrote a qmail log file parser and bandwidth usage calculator in C ? Setup and managed ejabberd for internal chat in the organization ? Wrote a jabber bot program in python using the jabbery.py library Education Post Graduate Diploma in Software Technology National Centre for Software Technology 2004 to 2005 B.E. in Electronics and Telecommunications

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