JAMES E. LABARRE

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SOFTWARE QUALITY ENGINEER, LINUX ENGINEERING

SOFTWARE / HARDWARE / TECHNICAL EXPERIENCE:

AIX | Ansible |AS/400 |Automation | Bugzilla | CD-ROM mastering | Ceph | Debian | desktop | EDI | Fedora | Git | HotMedia | IBM High-Performance Switch (SP3 & Federation) | IBM Power | Jenkins | laptop | Linux | Linux Mint | Lotus Notes | Macintosh/MacOS X | Microsoft Office | Microsoft Windows | multimedia | NetWare | OpenOffice/LibreOffice | OpenStack | OS/2 | ppc64le | pSeries | QEMU | quality engineering | RedHat | RHEL | RS/6000 | scripting | Servers | shell scripting | software test | Solaris | Systems Administration | troubleshooting | Ubuntu | VirtualBox | virtualization | VMWare

PROFESSIONAL EXPERIENCE:

SOFTWARE QUALITY ENGINEER | *Red Hat, Inc.*, Remote | 2020-2024
- OpenStack QE test and engineering for MultiArch development (Power8 & Power9)
- Worked with IBM's MultiArch team to coordinate testing and validation of OpenStack and other products being ported for support under Linux on Power/ppc64le.
- Validated install/configuration documentation posted online for customer evaluation of MultiArch x86_64/ppc64le installations.
- Maintained tests and triaged testing failures with OpenStack Hardware Provisioning team
- Collaborated with component teams to develop test scenarios for the next generation of Red Hat's OpenStack (Red Hat OpenStack Services on OpenShift 18.0)

QE SOFTWARE ENGINEERING/TEST (RED HAT) | *SelectGroup*, Remote | 2017-2020
- OpenStack QE test and engineering for MultiArch development (Power8 & Power9)
- Worked with IBM's MultiArch team to coordinate testing and validation of OpenStack and other products being ported for support under Linux on Power/ppc64le.
- Validated install/configuration documentation posted online for customer evaluation of MultiArch x86_64/ppc64le installations.

LINUX SYSTEM ADMINISTRATOR – RFS RING FENCE (IBM) | *Collabera*, Remote | 2016-2017
- RFS Ring Fence was an IBM-internal staffing group to provide extra/fill-in staffing for other delivery teams at IBM that find themselves short-staffed for impending deliverables.
- Tracked down, analyzed and correct security violations on customer systems
- Assisted development teams as they migrated customer's Oracle/SAP systems from HP-UX and Solaris to Linux on VMWare ESX.
- Configured, customized and secured servers for customer accounts as new systems came online

CLOUD STORAGE ENGINEER (CISCO) | *SelectGroup*, Remote| 2015
- QA/test for cloud storage automation group at Cisco
- Tested for Ceph and OpenStack for Cisco's cloud systems projects

CLOUD ORCHESTRATION AND AUTOMATION (CIGNA)| *TEKsystems*, Remote | 2014-2015
- The cloud group's (CPC Engineering) function at Cigna was to provide virtual compute resources for development and test internally, resources that could be quickly brought online using a custom written control center (written by a member of the team). This way developers could quickly stand-up and also quickly decommission standardized configuration test servers (RedHat Linux and Microsoft Windows) within 30 minutes, eliminating the long wait times normally needed
- Researched & implemented OpenStack (Havana and Icehouse), Ceph (Ceph Enterprise), Puppet, & other opensource resources for the development group at Cigna
- Worked with RedHat on troubleshooting & optimizing internal cloud computing solutions.
- Built new compute images to be made available for deployment in OpenStack
- Had been the initial team member researching & building out Ceph, after which I instructed the rest of the team on the concepts, install procedures and maintenance of Ceph
- Managed and re-configured blades and servers hosting our OpenStack and Ceph clusters through the UCS management tools for the Cisco server hardware
- We were also working with Sensu, Logstash, Elasticsearch, Graphana, managing a Git host for developer code. Assisted other team members as they were installing, and configuring systems to work with these services

SERVER SYSTEMS OPERATIONS (IBM) |*Infinite Computer Solutions*, Poughkeepsie, NY | 2013
- Server floor admin for AmerisourceBergen in IBM Poughkeepsie data center
- Achieved certification for HIPAA before department was drastically reduced in size

SENIOR SYSTEM ADMINISTRATOR (IBM) |*Collabera*, Poughkeepsie, NY | 2013
- Senior System Administrator, Wallstreet Systems/Treasury Support (IBM)
- Managed & updated test servers for IBM's Global Business Services/Treasury management
- Provided support for production servers in IBM's Business Services

SYSTEM ADMINISTRATOR (IBM) | *Computer Task Group*, Poughkeepsie, NY | 2007-2012
- Capacity on Demand and Benchmark Centers, IBM,
- Installed & upgraded management nodes and compute clusters (Linux clusters for the most part) for customers on System X for CoD group in Poughkeepsie, NY
- Managed, installed & re-configured System P servers (AIX, SUSE Linux & Red Hat Enterprise Linux).
- Troubleshot software & hardware for management & compute nodes in Linux & Windows computer

FUNCTIONAL VERIFICATION TEST (IBM)
- RS/6000-SP systems, Server Group
- Developed & ran verification tests for IB and High-Performance switch (Federation) system.
- Using design documentation & input from developers, performed functional verification testing. Test systems were running AIX 5.x as well as SUSE Linux.
- Handled administration, upgrades & installs on test systems for FVT team. Systems consisted of RS/6000 servers (which could be running either AIX or SLES) & Linux controllers for servers.

EDUCATION: Syracuse University-Completed coursework in Communications