

Jerald Sheets

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WORK EXPERIENCE

[LinkedIn](#)

Oak Ridge National Laboratory

Mar. 2023 – Present

Sr. HPC Systems Administrator

Remote

- Maintain ORNL Digital Active Archive (DAAC) system for NASA run projects. Archive and present biogeochemical data to NASA, NOAA, and other governmental entities
- Straight Systems Architecture and Administration, automation with Puppet Community. Manage and maintain highly available environment of RHEL-based data systems for government
- Develop documentation, best practices and training materials, and lead a team of 4 engineers.

Penacity, LLC

Mar. 2022 – Mar. 2023

Sr. Automation Solutions Architect

Remote Contract

Perform architectural design and implementation of Puppet Enterprise in on-premises and AWS environments both for U.S. Government clients and the corporate office. Act as SME for all Puppet Configuration Management tools and methods, Automation, CI/CD, and development in regard to Puppet.

- As the Puppet SME, I worked closely with the USDA staff and management to implement new environments, develop new installation modules, and to maintain operational efficiency of the Automation Environment
 - Performed Puppet upgrades, development, and training to increase customer engagement and abilities
 - Worked with USDA team to troubleshoot and implement new environments automated with Puppet.

PayPal, Inc.

Aug. 2016 – Mar 2022

Sr. Continuous Security Strategist - Puppet Automation

Remote

- Lead and manage Information Security automation initiatives with Puppet Configuration Management tools and methods.
 - Built Continuous Security CI/CD Pipeline DevOps workflows with Jenkins, Puppet, Docker, and GitHub
 - Automate entire provisioning framework with Puppet from "Golden Image" to production.
- Cloud Technologies - Automate key PayPal security processes in AWS and Google Cloud, delivering containerized and traditional architectures.

Shadow-Soft

Jan. 2014 – Aug. 2016

Sr. Puppet and Solutions Architect

Remote/Traveling Consultant

- Nationwide Travel Consultant implementing Puppet Enterprise for corporate customers as a Puppet Labs Partner Consulting Engineer
- Conference Speaking, Social Media Presence, and blogging on behalf of the Puppet ecosystem for Shadow-Soft
- Lead team of 4 consultants, train and equip for Puppet Labs engagements nationwide

Accelarad/Nuance

July 2013 – Jan. 2014

Sr. Linux Systems Architect

Atlanta, GA, Remote

- Main Linux Systems Architect for entire Accelarad fleet. Team leader and implementation specialist for Radiology SAAS Solution.

Apple, Inc**July 2011 - July 2013***Sr. UNIX Systems Engineer**Maiden, NC*

- Systems Architecture, Engineering, and Administration for all Apple Stores worldwide. Performed New Store Openings, trained staff, and organized entire "go live" for in-store POS servers and equipment

Incomm, Inc.**Nov. 2010 - July 2011***Sr. Linux Systems Administrator - Contract**Atlanta, GA*

- Systems Administrator for prepaid card industry leader. Inventory management, provisioning (kickstart) and holiday 24-hour observability rotation.

Intercontinental Hotels Group**Aug. 2010 - Oct. 2010***Sr. Technology Consultant**Atlanta, GA*

- Staff augmentation for various expansion projects and engineering needs. Build Asset Inventory system, procure hardware and network equipment and bring RedHat systems within hardening compliance guidelines.

CNN News Systems**Oct. 2008 - Aug. 2010***Sr. Systems Engineer**Atlanta, GA*

- Responsible for CNN video library and Tape archival system. Sun StorageTek SL 8500 systems, Sun Solaris, RedHat Linux, and data center management.
- Upgrade of entire serving infrastructure, decommission old hardware, and excess old equipment
- Manage and maintain RedHat Linux platform machines, program in Perl and BASH, and support development teams and leadership.

The Weather Channel Interactive**Jun. 2005 - Oct. 2008***Sr. Linux Systems Administrator**Atlanta, GA*

- Daily maintenance and configuration of web serving infrastructure for what was at the time the 7th most visited website in the world by traffic. Utilized SuSE 9 & 10 and a combination of the Apache Web Server and Tomcat Servlet container to for hosting. Troubleshoot and introspect the JVM Virtual Machine with Java tools and monitoring products, providing guidance to development as to changes to resolve various issues with the platform.

EDUCATION

Evangel University**Current***Master of Arts - Theological Studies**Springfield, MO***St. Stephen's University****Mar. 2008 - Apr. 2016***Bachelor of Arts - Christian Studies - Graduated**St. Stephen, NB CA***Louisiana State University****Aug. 1985-Dec. 1988, Jun. 1995 - May. 1996***Bachelor of Science - Music Education - 60 Hours**Baton Rouge, LA***CERTIFICATIONS, SKILLS & INTERESTS**

- **Certifications:** Puppet Certified Professional (2014, 2018, 2019) * RHCE/RHCSA/RHSH (2014) * Telcordia PRO-INS
- **Technologies:** DevOps, Consulting, Linux/UNIX, AWS, GCP, Puppet, Git, RSPEC, Serverspec, BASH, Perl
- **Skills Team Leadership, Automation, Infrastructure Development, Training, Documentation, Presenting, Speaking**
- **Interests:** HAM Radio (KO4JIL), Music, Open-Source Contribution, Hiking, Training, Public Speaking
- **Writing:** Author: "[Scaling Puppet Community](#)", "[Kickstarting Linux Client Installs](#)", "[Making Open Webmail Work](#)", Technical Reviewer: "[Puppet 8 for DevOps Engineers](#)"