Bruce Pullig

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Areas of Expertise:

- **Hyperconverged Infrastructure (HCI) Migration** – Migrating from traditional enterprise infrastructure to HCI allows for cost reductions, scalability and improved utilization of IT resources.
- **High Performance Computing (HPC) for Reservoir Engineering simulation** - Uncertainty reduction by architecting scalable solutions capable of reducing simulation runtime.
- **System Administration** - Knowledgeable in multiple UNIX based operating system, including Linux, and Windows server and workstation operating systems.

Professional Experience:

GeoComputing Group LLC (April 2020 – Present)   **Houston, TX**

Senior Integration Consultant

- Deployment of new RiVA environments
- On-going Customer Support

CNOOC Petroleum USA (Formerly Nexen Petroleum USA) (Feb 2014 – March 2020)   **Houston, TX**

Senior Analyst - IT, Technical Systems, NPU

- Migrated complex Xenserver virtual environment to HP Synergy Hyperconverged Infrastructure running VMware vSphere.
- Virtualized Windows and Linux servers to Nutanix Hyperconverged Infrastructure with VMware hypervisor in preparation of Data Center relocation which reduced the required physical footprint by over 70%.
- Developed Geology & Geophysics (G&G) infrastructure that utilized VMware vSphere and high end remote graphics solution (RGS) which increased previous infrastructure performance by 40% while reducing costs by over 25%.
- Designed and implemented a Reservoir Engineering HPC solution which resulted in a 46% decrease in simulation duration.
- Implemented a Seismic Processing HPC Cluster utilizing OpenCPS which enhanced pre-stack seismic processing capabilities.
- Provided Oracle and Microsoft SQL Database Administration

Schlumberger Information Solutions (2001 - 2014)   **Houston, TX**

Solution Architect (2004 - 2014)

- Installed over 20 Windows HPC & RedHat/LSF ECLIPSE and INTERSECT High Performance Computing clusters for Reservoir Simulation Software utilizing InfiniBand High Speed Interconnects
- Developed a high availability Veritas Cluster for Lyondell-Citgo Refinery SAP on Sun Solaris utilizing multi-domain Sun SPARC hardware.
- Installed and supported VMware vSphere providing Linux and Windows guest OSes
- Developed OpenAccess, a public cloud proof of concept.
- Developed and deployed Global Pay-Per-Use (PPU) licensing system in The Netherlands giving Schlumberger the ability to charge for software by actual usage thus facilitating software adoption by clients.

Short Term Assignment -Solution Architect for BG Group (2011 - 2012)

- Designed and implemented subsurface application environment solution for US office. Toolkits included were Petrel, ECLIPSE, GeoFrame, Techlog, Recall, ArcGIS, and Petra.
- Developed detailed design solution for remote connectivity and remote visualization.

Senior UNIX System Administrator (2001 - 2004)

- Solaris, AIX and Oracle administration for Schlumberger Data Management Center
- Designed a Storage Area Network (SAN) that increased flexibility and resilience

Computer Sciences Corporation - Conoco (1998 – 2001)   **Midland, TX**

Solaris, Novell NetWare, and Windows System Administrator