

Michael Worsham

Hands-on DevOps Team Lead

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To

Hiring Manager

September 14, 2021

It was with great interest that I read your recent job posting with a skill set that closely matches my background and qualifications.

I have over twenty-five (25) years of experience in multiple career-based categories from system engineering, virtualization strategies, Web 2.0 architecture and integration, offshore team management, system-wide enterprise architecture modeling, and profiling. I am interested in pursuing a permanent career field in either the private or public sector in the field of system engineering and infrastructure architecture. I also have an inactive Department of Defense secret security clearance on file.

Professional Qualification Highlights:

- An open supporter of applying open source technology in place of commercial software where possible. Have been considered on many occasions a subject matter expert in several areas including Nagios, mRepo, Spacewalk, Chef, Puppet, Red Hat Enterprise Linux, CentOS, Oracle OVM, Oracle Enterprise Linux, VMware, VMware ESXi, and VMware vCloud in AWS.
- Transitioned into multiple team-lead roles including solutions architect, operations technical lead, subject matter expert (SME), case manager, and systems support coordinator. Have been trained on and have a working knowledge of multiple IT operating platforms including UNIX, HP-UX, Linux, and Windows under physical and virtual environments including Terremark/Verizon and Amazon AWS.
- Have been responsible for the management and support of over 2,000+ physical and virtual/cloud computing server environments. Provided architectural guidance to several Linux and Windows-based solutions for short and long-term needs within the many projects that I have been assigned to, including Splunk for log aggregation needs and the use of DataDog for metrics and additional functionality for both cloud and on-premise operational needs.
- Providing Infrastructure, DevOps, and OS/VM level support for CentOS, RHEL and OEL Linux and Windows 2008 through 2019 OS for General Electric, Wabtec as well for various Department of the Navy, USMC, and Department of Defense data center sites in both physical and virtual data centers including designing a new VMware datacenter with NetApp datastore arrays, Terremark/Verizon and Amazon AWS. Utilized Scalr Cloud Management Platform, Chef Automate, Chef Infra, and Chef Habitat for Infrastructure as Code (IaC), Jenkins, and GitLab for establishing continuous integration and automation for business needs. Migrated nearly 400 applications from GE datacenters to Wabtec AWS using "lift and shift" to full re-architecture needs. Migration focused on using a "automate everything" approach.
- Developed and implemented a VMware vMotion detection system for use with Oracle OEM and Nagios monitoring platforms. Most recently designed and implemented an AWS cloud solution for allowing for 'Linked Servers' for Amazon RDS MSSQL instances back to On-Premise MSSQL hosts through a streaming SQL broker-proxy.
- Handled multi-tier environment as team lead and utilized Microsoft Project for project management under system test and production support skills for several developments and integration projects. Worked on timelines, RFI's, RFQ's, budgeting, procurement, and vendor relation support as needed.

In addition, I offer outstanding architectural and organizational skills, which have proven to be a critical asset in architecture, maintaining, and supporting dynamic application and infrastructure solutions. Attached is a copy of my resume for your review. I would welcome a personal interview at your earliest convenience to discuss your needs and objectives and the possibility of working together to meet them.

Thank you for your time and consideration.

Sincerely,
Michael Worsham