DEVOPS ENGINEER

Summary

I have extensive knowledge in System Engineering with experience in Windows and Linux servers plus storage and networking. I obtained my Masters in Electrical and Computer Engineering with a specialization in Linear and Non-linear Control Systems. I am a subject matter expert in IT Automation, remotely manage over 1000 servers spread across 4 different continents at Chevron. I have expanded my breadth of experience as a DevOps Engineer with skills in IT process control which includes Release Management, Project Management, System Automation, Configuration Management and Monitoring. My academic background plus technical experience makes me a great fit for a position in Process Control and Information Systems. My experience affords me the opportunity to easily integrate IT infrastructure into Control Systems, and be a part of a team that accomplishes corporate goals. I am seeking a position where I can drive full system automation of the infrastructure, minimizing manual tasks, streamlining processes and creating a fully autonomous system.

Qualifications

- Operating Systems: Windows (98/XP/2000/Server 2003/Vista/7), UNIX (CentOS/RHEL 4/5/6/7, Solaris, HP-UX), MAC OSX
- Server Management Software: BladeLogic, HP Onboard Administrator, HP Virtual Connect Manager, HP OpenView
- Version Control: Git, Gerrit, Git-Review
- Unix Services: NFS (dNFS, kNFS), DNS, FTP, HTTP(S), CIFS, NTP, LDAP, PAM
- IT Automation Tool: CFEngine3 (SME), SaltStack, Jenkins MV & LV Power Systems, HVAC, Fibre Optic, Allen Bradley PLC, MATLAB for Control Systems, Digital Electronics, Circuit Design, Logic Design, Processor Architecture
- Hardware: PC, Hubs, Switches, Routers, Rack-Mount Servers, HP Proliant Blade Servers & Enclosures, HP Itanium Blade Servers
- Languages: Python, Shell Scripting (Bash & Korn), Perl, HTML
- Networking: Ethernet, TCP/IP, LAN/WAN, VLAN

Professional Experience

DevOps Engineer , 07/2015 ¼ Current Ibm Corporation ¼ Cincinnati , OH

- Python application developer, creating automated deployment scripts to deploy Software daily Developed web-based service management tool using Flask Framework and Redis as database backend Configuration and Release Management using SaltStack for Linux and Windows servers Automated deployment of monitoring system hourly, querying splunk and SaltStack pillar data to generate monitoring data via python application Building and maintaining automated builds and deploy of Software using Jenkins Project management, documentation of initiatives and collaborative efforts using Redmine Advanced version control of projects using git, gerrit and git-review.

Linux System Administrator , 06/2013 ¼ 06/2015 Concurrent Computer Corporation ¼ Duluth , GA

- Manage UNIX servers through virtual consoles using command line and shell scripting Create shell scripts to efficiently manage enterprise UNIX servers (RHEL, HP-UX, Solaris) Build and maintain new UNIX physical & virtual servers User Administration and file permission using LDAP Virtualization using VMware and KVM Configuration management using BladeLogic and CFEngine Storage Management using NAS and SAN Server Cloning using Snapshot and Flexclone Management of Server for testing, development, staging, QA, DR Server Management and Monitoring using OVO.
- iLO, OA, VNC, VC Build and Management of Cluster Servers using VCS Manage system and utility application upgrades and/or replacements - patching and package repository management Building, maintaining, and enhancing the development, staging, and production environments Mentoring and cross training with other Administrators.
- Documentation for supported system and application procedures and processes.
- Support metrics reporting processes (focus on operational excellence).
- Proactively look for opportunities to improve service and/or reduce costs.

Graduate Assistant , 06/2012 ¼ 05/2013 Loma Linda University Medical Center ¼ Murrieta , CA

- Assist department members with network configuration and maintenance, website maintenance.
- Provide assistance in the development and assessment of hardware and software components, recommending optimum equipment and software configurations, department inventory.
- Diagnostics of computer hardware and software failures which includes virus removal, data recovery, software installation/removal and HTML coding.

Education and Professional Training

05/12/2013 University of Illinois ¼ City , State Master of Science Electrical and Computer Engineering GPA: GPA: 4.00/4.00 Electrical and Computer Engineering GPA: 4.00/4.00

01/26/2011 Obafemi Awolowo University Ile ¼ Nigeria Bachelor of Science Electronic and Electrical Engineering GPA: GPA: 4.50/5.00 Electronic and Electrical Engineering GPA: 4.50/5.00

06/2009 Ile-Ife, Projects and Logistics Officer GPA: DELTAAFRIK Award for Best Student, Faculty of Technology, OAU, 2009 Shell Award for Best Student, Faculty of Technology, OAU, 2009 Schlumberger Award for Best Student, Faculty of Technology, OAU, 2010 NSBE Fulfilling the Legacy Scholar Award, 2012 UIC Chancellor's Student Service and Leadership Award, 2013 Ile-Ife, Projects and Logistics Officer DELTAAFRIK Award for Best Student, Faculty of Technology, OAU, 2009 Shell Award for Best Student, Faculty of Technology, OAU, 2009 Schlumberger Award for Best Student, Faculty of Technology, OAU, 2010 NSBE Fulfilling the Legacy Scholar Award, 2012 UIC Chancellor's Student Service and Leadership Award, 2013

Certifications

Red Hat Certified System Administrator (

Professional Affiliations

Institute of Electrical and Electronic Engineers (IEEE) National Society of Black Engineers (NSBE) University of Illinois Alumni Association
Publications
Application of Robotics Engineering in Nigerian Rainforest Region". Mayowa Aladeojebi, December 2010. Design and Construction of a hexapod robot with gait style specially adapted for Nigerian Rainforest (December 2010) Architecture Support for Security". Mayowa Aladeojebi, April 2012. http://www.scribd.com/doc/111832480 Achieving 40Gbps over Fiber Optics". Mayowa Aladeojebi, November 2012.
Interests
BASIC Trust International, Logistics Officer, 02/2011 - 08/2011 The Green Nigeria Project, Volunteer, 05/2010 - 04/2011
Skills
Automation, Bash, Circuit Design, Hardware, computer hardware, Configuration management, Version Control, database, Digital Electronics, Documentation, DNS, Ethernet, focus, FTP, HP, HP-UX, HP OpenView, HTML, HTTP, Hubs, HVAC, HTML coding, inventory, LAN, LDAP, Linux, Logic, MAC, MATLAB, Mentoring, Windows, 2000, Windows (98, enterprise, NAS, NFS, network, Networking, Operating Systems, developer, Perl, PLC, processes, Project management, Proliant, Python, QA, Red Hat, reporting, Routers, SAN, Servers, scripts, Shell Scripting, shell scripts, software installation, Solaris, Switches, System Administrator, TCP/IP, UNIX, UNIX servers, upgrades, Vista, VC, website, WAN
Additional Information

- HONORS/ ACTIVITIES BASIC Trust International, Logistics Officer, 02/2011 - 08/2011 The Green Nigeria Project, Volunteer, 05/2010 - 04/2011