**Eric L. Derewonko**

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**Application Server Administration, JEE tuning and advanced scripting**

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***Systems Administrator / Software Integration***

Systems Administrator / Software Analyst with extensive hands on experience working with and supporting Java Servers including IBM WebSphere Application Server version 5 through 7, Apache Tomcat 5, and Weblogic. Experienced in IBM AIX and Linux SLES, SunOS, and HP-UX systems administration. Experienced in Quality Assurance, designed disaster recovery plans. A bound full of exposure and experience in Application integration and Apache httpd security implementation. Hands on experience on TCP/IP and Network Protocols, file system configuration, users security and LDAP connectivity. A wealth of experience on shell scripting with shell, MS-DOS, Python and Jython. Plenty of exposure and hands on experience working in Agile and DevOps team setting.

Technical Expertise:

* **Manage, Support and configure** WebSphere and Tomcat application servers
* **Administer** users, TCP/IP and file systems on IBM AIX and Linux platforms
* **Administer and Provision** ESXi vSphere hypervisor and VM masters
* **Migrating and Provisioning** LDAP users and connectivity on IBM AIX and Linux
* **Troubleshoot** JEE deployment and installation on WebSphere and Tomcat, configure IBM IHS plugins and SSL certificates, implement EJB and JNDI definition, automate application deployments
* **Define and design Systems Disaster recovery plans** between hot and cold sites, administer backups and Real time Monitoring tools
* **Configure, troubleshoot, update and maintain** Web and Java server security by applying security patches, respecting best practices with updates and rollback plans
* **Supporting and maintaining** SOA, middle-tier applications and user configurations
* **Configure and troubleshoot** networked software integration and installation
* **IP addressing, subnetting**, system tuning and configuration change definitions
* **Implement** SQL code on Oracle and MySQL databases, develop PL/SQL administrative scripts and administer database control files and users.
* **Manage and monitor** network and system resources using monitoring tools the likes of BMC Patrol, Nagios, Splunk and Wireshark
* **Update packages and plugins**, apply Software patches and manage software layer YUM, RPM and IPKG
* Implement **failover and load balancing configuration** on multi-tier layers, configure vertical and horizontal JEE clusters

Production knowledge: Agile, DevOps, RAD, ITIL, Version Control, Software delivery

Software and languages:SVN, Git, CVS, Oracle, MySQL, LAMP stack, Apache httpd and Tomcat, IBM WebSphere, Weblogic, Sun iPlanet, Sun LDAP, Control-M, TNG/NSM, Nagios, BMC Patrol, Java, Jython, Python, Perl, C, C++, VBA, VBS, Shell, html, PHP, CSS3, Javascript

Experience:

*The Homedepot, Parkville, MD (Network Technician) October 2016 to present*

* Performs integration, configuration and support for integrated network solutions.
* Resolves and ensures that events, incidents, and requests are handled according to agreed upon procedures and service levels.

*Community College of Baltimore County, Catonsville, MD (Student Tutor) 2015 to 2016*

* From Algebra to Calculus 1, Computer Science and French language, face to face and group tutoring
* Resource for students for information about academic endeavors, social organizations, student life, curricular and co-curricular learning

*Software Engineer Consultant, Paris, France April 2007 to September 2014*

* Installed and configured Java servers from scratch, such as WebSphere and Apache Tomcat on IBM AIX and Linux SLES and RedHat.
* Provided detailed documentation for production process implementation and maintenance, mapped Information System and Data Flow diagrams
* Spearheaded effective ITIL processes by conducting change management, and designing disaster recovery plans for hot and cold backup sites
* Implemented DevOps best practices for JEE software delivery on multiple servers, under the testing and development phases of software life cycle
* Redacted technical documentation for process monitoring, planned application dress-rehearsals and go-lives, and trained production teams
* Configured and maintained multi-tier clustered Transactional Processing Systems involving Apache httpd and iPlanet, Tomcat servers and Oracle databases
* Conducted stress-tests with NeoLoad, leading to a fine tuning of a clustered JVM
* Managed Oracle databases by initializing, controlling integrity, and defining files
* Administrated SWIFT applications, enforced high-end security rules and applied security patches
* Administered, packaged and deployed software releases with configuration managers the likes of CM/Synergy, SVN or CVS
* Developed scripted tools to increase productivity, such as automated SSL certificates generation, personalized user profiles, and automated EAR deployment
* Developed custom, puppet-like automated package deployment tools based on SVN
* Developed an intranet website dynamically monitoring project releases then publishing real-time status, using PHP 5, MySQL, JavaScript and the Dojo framework

*Devoteam, Paris, France (Software Analyst) November 2005 to March 2007*

* Developed 100+ custom monitoring and production scripts scheduled on TNG/NSM
* Managed middle-ware applications such as Axway CFT, CVS databases, TNG monitoring, and TSM backups
* Administrated databases such as Oracle, Gupta, and Essbase
* Configured SQL Backtrack backups and implemented file security encryption
* Managed projects by delivering time-framed calendars and planning go-lives
* Administrated IBM AIX and Windows servers, managed file systems, users and permissions, and conducted Windows server performance audits

*TRSB, Paris, France (Software analyst) November 2003 to October 2005*

* Defined and developed a centralized scripted package delivery tool for BMC Patrol, trained and supported the production team
* Developed custom monitoring shell scripts for Oracle RMAN backups and data files integration between hot and cold site
* Redacted alarm instructions and operating procedures for applications maintenance
* Technological survey and beta-testing of updated BMC Patrol plugins, provided recommendation for process standard updates
* Audited Control-M critical paths and TSM backup jobs to restructure them, improving efficiency of StorageTek tape drives access
* Administrated middle-ware tools, and HP-UX systems, users and file systems

*ATOS, Paris, France (Technical Support) March 2001 to October 2003*

* Supervised a production team for system and application monitoring with Autosys
* Developed production scripts, automated and scheduled jobs in Control-M scheduler
* Monitored systems and applications in a 24x7x365 environment

Education, Certifications and Trainings:

* AAS, Information Technology (Community College of Baltimore County) June 2016
* Certificate, Information Management (Community College of Baltimore County) 2016
* Linux Essentials ([LPI](http://www.lpi.org/).org, [LPI000358626](http://lpi.org/v/LPI000358626/f89nd2rbww)) 2016
* Certified Peer Educator ([BACCHUS Initiatives of NASPA](https://www.naspa.org/constituent-groups/groups/bacchus-initiatives/initiatives)) August 2015
* HP-UX & ORACLE Administrator training (SIXUN Informatique) 2001
* AAS, Computer Science (IUT Orsay, France) June 1999