

Blaine Simpson

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Position Sought

ADDM Lead Engagement, Integration, Development, or Education position

Academic Qualifications

1991	BS Engineering, University of Maryland + Washington College
1993-1994	Many graduate credits in CS, cumulative GPA 3.9 (max 4.0). UM Baltimore County
1994	Database Administration, Oracle Corporation's Bethesda Education Center
1999	AIX Systems Administration, IBM, Arlington, VA
2010	Sun Certified Java Programmer
2010	Sun Certified Java Developer

Awards

1993	NASA Annual Achievement Award
1994	CSC Technical Excellence Award finalist
2000	Cable & Wireless Customer Service Award

Work Experience

2010-2011	<p>Fanneie Mae</p> <p>Technical lead for new BMC ADDM system for scanning corporate networks, covering 10,000 non-PC nodes and 409 business applications. ADDM was added as a new (major) component during an upgrade from Remedy 7.1 to 7.6. Created and implemented many processes to maximize stability and consistency and to require compliance with <i>best practices</i>.</p> <p>Set up and controlled 4 independent ADDM system environments, each of which syncs to a CMDB for that environment. Some system level customizations are scripts to configuration manage and automate exclude ranges; a script to invoke multiple scans synchronously (monitoring each scan and email alerts if any problems detected); wrapper scripts to support Kerberos ssh authentication to scan targets; fixes to platform scripts to handle ADDM limitations and some Fannie Mae infrastructure inadequacies. My patch submitted for Issue ISS03788007 is not in ADDM baseline.</p> <p>Designed a dual business application mapping system where custom general patterns automatically model more than half of each business application's components, and then the CAM process is followed to capture the remaining unique components. The general patterns use corporate policies and standards and external data sources (via Integration Points) to create BAI instances and make associations. The CAM process is then followed, but with a big head start by having pre-populated CAM sub-groups and Functional Component Definitions.</p>
1994-2010	<p>Axis Data Management Corp., http://admc.com</p> <p>Corporate principal; Operational, Business, and Technical lead for every endeavor of ADMC. This includes full product lifecycle, and systems</p>

- integration services, and professional services for international corporations. Some significant accomplishments migrating organizations to Google Apps, product managing Axis's Reverse Terminal Server and the solid state DataServer.
- 1994-2001 MCI / Cable & Wireless Webhosting Services (group was acquired by Cable & Wireless)
- Technical Lead of UNIX Administration team. Hosted some of the biggest web sites in the world at the time, such as The Weather Channel.
- Designed and developed in-house systems, such as automatic Linux and Solaris server builds, monitoring, software distribution, distributed authentication.
- 1990-1994 Computer Sciences Corporation
- Worked on NASA projects for CSC. UNIX and VMS C and C++ communication and Oracle database interface development; UNIX and network administration; Oracle Database Administration; change control management. Performed several software ports and conversions. Was promoted (at age of about 27) to Lead Communications Developer for the NASA User Planning System.

Publicly Available Examples of Work

- SqlTool JDBC client <http://hsqldb.org/doc/2.0/util-guide/sqltool-chapt.html>
- JCreole Wiki translator <http://admc.com/jcreole/>
- HOWTO documents <http://pub.admc.com/howtos/>
- Gradle plugins et. al. <http://search.maven.org/#search|ga|1|g%3A%22com.admc%22>
- Github projects <https://github.com/unsaved>
- Shell scripts <http://pub.admc.com/scripts/bin/>, <http://pub.admc.com/scripts/sbin/>, <http://hsqldb.svn.sourceforge.net/viewvc/hsqldb/base/trunk/sample/>

Skills. At least EXPERT level with each item listed.

- ADDM, BMC Atrium Discovery and Dependency Mapping; CAM, Collaborative Application Mapping
- TPL including query language, use of shared custom functions and Integration Points
- Virtualization incl. Oracle Zones, Xen, and Vmware ESX, ESXi, vSphere, vCenter,.
- Systems Integration. Integrating third party products, developer and build tools, CM products, and numerous technologies to make reliable and portable software products or systems.
- Financial management of products, projects, organizations
- Personnel management of projects and organizations
- UNIX and Linux Systems Administration, incl. Kickstart, Jumpstart, appl. config., distrib. Authent.
- Open Source Development (incl. SqlTool, JCreole, Gradle plugins, ECommerce library, other products)
- Many scripting languages from Windows CMD shell to Groovy
- Many Java technologies and patterns; Many JEE products and technologies
- Guru with many SCM systems, incl. Git, Subversion, CVS
- Build and Deployment Systems, incl. using Gradle, Maven, Ant, Hudson, Ivy
- UNIX and Network Security incl. SSH, firewalls, server hardening, Spring Security, JMX, TLS, SSL
- Automated Testing, incl. unit, integration, acceptance testing systems
- Database Administration with nearly all popular SQL databases, and LDAP, Database Application Development
- Detailed, real-life experience with all phases of product and project management using SDLC
- Classroom instructor for process and technical subjects

References and Contacts

Please understand that this document does not contain contact information or references in order to protect the privacy and security of the referents. Contact details cheerfully provided if you have a legitimate need.

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