

CHRIS LINDSLEY

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EDUCATION:

B. S., Computer Science, Iowa State University, 1983

M. B. A., Management, University of Tennessee, 1988

WORK SUMMARY:

I have experience managing teams and developing software on a variety of computing environments including Linux, Windows, VMWare, J2EE, Oracle DB, MySQL, PostgreSQL, Splunk and ArcGIS. Languages primarily used include Java, Perl, PL/SQL and SAS. My current position is as the Data Architect for the NASA sponsored Distributed Active Archive Center (ORNL DAAC).

PROFESSIONAL EXPERIENCE

01/15 – present – I am currently serving as the Data Architect for the NASA sponsored Distributed Active Archive Center. In this position I am responsible for continued enhancement of hardware and software environments necessary fulfill the missions of the DAAC. This position involves translating the archival requirements of the sponsor into a robust systems architecture. It requires the coordination of a multi-disciplinary team of systems and software engineers.

09/06 – 12/15 – I served as a task leader in the Computational Sciences and Engineering Division at the Oak Ridge National Laboratory on a regulatory system for the Department of Homeland Security. This position was responsible for translating sponsor requirements into a secure systems architecture. The environment evolved over the years from physical servers running Windows to primarily Linux servers in a VMWare virtual environment. In this position I managed a ~\$3.5 million yearly budget and a multi-disciplinary team of 8 systems, network and software engineers. The technologies used in this environment included Red Hat Linux, Windows, VMWare vSphere, Cisco networking gear, Juniper SSL/VPN appliances, Coyote Point load balancers, EMC Storage Area Networks, Oracle Databases, Oracle Weblogic J2EE servers, Splunk log analysis and Appian Business Process Model software. During the 8+ years in this position I received 2 ORNL Significant Event Awards (SEAs) and a certificate of appreciation from the sponsor.

09/99 – 09/06 – I served as a Software Engineer in the Computational Sciences and Engineering Division at the Oak Ridge National Laboratory. My work focused on the development of customizable data integration systems known by the names Mercury and Scepter. These systems were built with a combination of commercial, open source and locally developed software using XML as the common data interchange format. The locally developed pieces were developed with Java, Perl and Solr/Lucene in a J2EE web environment. These systems were implemented by 14 different projects. Each project was customized based on sponsor requirements. I received multiple ORNL Significant Event Awards (SEAs) and certificates of achievement from the sponsors of this system.

07/96 to 09/99 – I led a team of 4 people responsible for web server administration on approximately 40 machines for Lockheed Martin Energy Systems and Bechtel Jacobs Company, LLC. The web servers ran a mixture of UNIX and Windows operating systems. The web server software managed included Netscape, Apache, Stronghold and Internet Information Server (IIS). The team also managed several instances of Cold Fusion Application Server and Microsoft FrontPage server extensions. I used the Perl, Visual Basic, Cold Fusion and C/C++ languages to configure and customize this web environment in support of multiple developers and

customer projects. I was also responsible for the OS system administration for several test and development workstations running Solaris, IRIX, and Windows operating systems.

09/91 to 07/96 – I led a team of 5 people involved in capacity planning, performance tuning, and computational cost recovery for Lockheed Martin Energy Systems. On this project I was technically and administratively responsible for the implementation of several instances of the MVS Integrated Control System (MICS, a SAS based COTS package by Computer Associates). I extensively used the SAS programming language in the development of production and ad-hoc reports (text and graphics). I provided technical advice to a committee formed to enhance a computer cost recovery system.

05/86 to 09/91 – I was a team member in the same organization mentioned immediately above. In this role I was responsible for the establishment of a capacity-planning program for several MVS, VAX/VMS and UNIX systems. This required writing multiple SAS programs for data capture, consolidation and graphical reporting. I also had responsibilities for monitoring and tuning several IBM mainframes running the MVS/XA operating system.

06/83 to 05/86 – I was a team member on the Nuclear Materials Management System Support (NMMSS) project. In this role I was responsible for creating and maintaining multiple user reports using Cobol and the IDMS database system.

COMPUTER PROFICIENCY:

Application Development: Java, Perl, Python, PL/SQL, Lucene, Solr, APEX, SAS and Cold Fusion

Application Server Support: J2EE (Weblogic and Tomcat), Apache, Microsoft IIS

Database Server Support: Oracle and MySQL

Systems Management (Operating Systems): Windows, Linux and VMWare

SECURITY CLEARANCES:

Department of Energy, Q Clearance

REFERENCES:

Available upon request