Charles Crook

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Education:

Bachelor of Science in Computer Science, Purdue University

Certified BEA WebLogic 8.1 System Administrator

Experience:

2009 – 2017 - Bright House Networks / Charter Communications

(Mar 2009 – Sep 2009 as consultant for Veredus)

Tampa, Florida

Installed, configured and administered Fusion Middleware 9/10/11/12, Weblogic 9/10/11/12 on RedHat versions 5 and 6 across a server farm of 55 virtual machines. Configured two-way SSL for Weblogic 9/10/11/12 domains, generating server and client x509 certificates. Assisted internal and external clients with connectivity, SSL configuration and troubleshooting. Applied and coordinated PCI vulnerability resolutions onto Weblogic 12 domains. Migrated Development/QA/Staging/Production environments from Soa Suite 10g to Soa Suite 11 to Fusion Middleware 12. Migrated Weblogic and JVM versions. Provided on-call / Tier 3 troubleshooting and support. Deployed service / composite configurations onto Fusion Middleware. Configured JMS messaging systems for internal and external message consumption.

2005 -2006 Citigroup

Jul 2006 Dec 2008 as Citigroup / Sr. Applications Dev. Spec )

(Dec 2005 Jun 2006 as consultant for Ajilon Consulting)

Citigroup Corporate Architecture Technology Engineering

Tampa, Florida

Developed WebLogic cluster configuration scripting tool using Ant and Red Hat Linux. Configured and administered 16 WebLogic 8.1 application server clusters of 37 managed instances.  Designed deployment configurations for Red Hat Linux RPMs.  Configured Oracle 10.2g database schemas.  Supported installation and deployment of entitlement provisioning application.  Maintained CVS repository of delivered component artifacts.  Conducted initial acceptance testing for application upgrades.    Developed J2EE application extensions using BEA jrockit 142\_08.

2004 - 2005 Datalinx Corporation

Software Engineer, Temple Terrace, Florida

Developed JMS/XML processing for telecommunications hardware monitoring using J2EE Message Driven Beans, Struts, Hibernate, DB2, and WebLogic 8.1, log4j.  Transformed XML documents within WebLogic 8.1, using XSL, XPATH, JAXP, dom4j, and XML schemas.  Configured foreign JMS servers and XML entity resolution within WebLogic 8.1 application server.  Configured applications dynamically using Java Management Extensions ( JMX ).

2002 - 2004

Freelance web development on cross-platform web projects using XHTML, CSS, JavaScript.  Developed CD-based dynamic image gallery pages using W3C standard layouts and scripting.   Provided end-user support and integration assistance.

1997 - 2002 Nielsen Media Research

Senior Application Technical Specialist, Dunedin, Florida

Installed, configured, maintained and administered WebLogic application server.  Developed J2EE applications using EJB, JDBC, JMS, Sybase, and WebLogic.  Developed cross-platform web interfaces for advertising incidence and expenditure applications using servlets, EJBs, XHTML, CSS, DHTML, XML, and XSLT.

Performed as the WebLogic application server administrator on multiple servers, Conducted initial installation, upgrades and patches to the WebLogic software on Solaris servers.  Configured, tuned and monitored system performance of WebLogic application servers.  Conducted stress tests of applications deployed on the WebLogic servers.  Coordinated vendor support of the WebLogic application server.  Integrated Xerces, JDOM and Xalan libraries into WebLogic applications.  Configured and monitored JDBC connection pools and EJB pools.  Provided trouble-shooting of server errors.  Configured the serversmessaging services for use by message-driven-beans and JMS development.  Developed the J2EE deployment descriptors for the deployed EJBs, web applications  and enterprise application archives.  Developed the project standards for EJB development and deployment.  Configured the Ant build utility scripts on Solaris UNIX to compile and deploy the web applications and generate the javadoc documentation.  Developed and maintained internal web sites used as central repositories of all project documentation.  Developed startup" classes for the application server for nightly maintenance tasks (expiration of users' security rights, creation / removal of temporary daily directories, purging temporary statistical tables, etc).  Created the Solaris Unix scripts which deployed the entire application from the development server to the testing server and then to the production server.

Developed cross-browser XHTML web pages, using dynamic html, JavaScript and cascading style-sheets ( CSS ) which operated on multiple "level 5" browsers ( such as Internet Explorer 5.5 & 6.0, Netscape 6.2 & 7.0, Mozilla 1.0 ).  Implemented a Model-Viewer-Controller infrastructure to create the dynamic web pages and service the submitted page requests. Created servlets which dynamically created XHTML output by using the Element Construction Set ( ECS ) library to ensure well-formed XHTML.  Created XSL style sheets which were invoked by the servlets to transform XML data to be displayed within the browser. Created and deployed Enterprise Java Beans and message driven beans.    Created java support classes which dynamically cached and invoked XSL style sheets against XML data.  Developed and maintained the application security / login architecture.

Developed user account management application using PowerBuilder 6.5, PFC and Sybase.  Maintained and enhanced data collection and advertising reporting applications using Citrix, PowerBuilder, SQL Anywhere, Sybase.  Converted  PowerBuilder 6.5 application to PowerBuilder version 8.  Developed and maintained stored procedures and triggers in SQL Anywhere and Sybase databases.  Migrated application from 16-bit PowerBuilder 5 to 32-bit PowerBuilder 6.5 architecture.  Provided end-user technical support.  Developed remote faxing module for media reporting application using PowerBuilder 5.

1997  MetraComp

Systems Developer, Tampa, Florida

Developed reporting applications, healthcare industry applications.  Established corporate PFC ancestor object libraries using PowerBuilder 5.0 and PFC.  Developed Microsoft SQL Server 6.0 / 6.5 stored procedures.  Conducted PFC training classes for programming staff.

1996 HealthPlan Services, Inc.

Systems Developer, Tampa, Florida

Enhanced and maintained multiple enterprise applications for third-party health plan administration using PowerBuilder, PowerTool and Sybase system 10.  Constructed Sybase stored procedures and triggers.  Developed front-end components in team development environment.

1995 Price Waterhouse LLP

Senior Programmer Analyst, Tampa, Florida

Developed and maintained time / expense reporting system for firm wide deployment to 10,000+ networked and remote users using PowerBuilder, Watcom SQL, Lotus Notes, PowerTool, PVCS.  Developed migration application to transport data between versions.  Customized PowerTool framework libraries.  Migrated PowerBuilder 3 applications to version 4.  Developed ad-hoc query module for wide area network SQL Server document imaging application.  Conducted introductory PowerBuilder training for mainframe programmers.  Assisted with end-user application support.

1994-1995  Lebhar-Friedman Corporation

Software Developer, Tampa, Florida

Designed, developed and tested ad-hoc query modules for PowerBuilder electronic publishing / marketing application for Sql Server and Novell.  Analyzed user requirements and provided technical enhancements.

1993-1994  Betac Corporation

Site Manager, Augsburg, Germany

Developed PowerBuilder applications for Oracle and Novell.  Provided technical support for 100 node network.  Installed and configured remote communications hardware and software.  Functioned as system, database and DaVinci e-mail administrator.  Tuned and maintained Oracle database.

1984-1993 US Army

Programmer / Analyst

Developed and maintained personnel applications for IBM Series-1.  Functioned as system administrator for Series-1.  Developed, maintained and installed database applications with dBase III+ and Clipper.  Designed and developed applications using Po