

SOFTWARE ENGINEER / ARCHITECT AND PARTNER

Core Qualifications

- C# /Java/ Javascript/ C / XML/ XSL / XSD/ REST/ SOAP / HTML / CSS
- IIS / Jetty/ Websphere / Geronimo /Tomcat / J2EE/ EJB / Spring / Hibernate / Mybatis
- Visual Studio .NET / Eclipse/ RAD / Maven
- SQL Server /Oracle/ DB2 / Derby
- TCP/IP Sockets Programming
- Apache ActiveMQ /IBM MQ Series
- Windows / Linux / z/OS / iSeries
- Cisco, Avaya , Asterisk Microsoft BizTalk Developer Immersion
- Oracle Enterprise DBA Part 1A: Architecture and Administration
- Sun Enterprise Java Beans Programming (SL-351) Java Programming Language (SL-275)

Experience

01/2013 to Current

Software Engineer / Architect and Partner Infoblox Inc. 1/4 New York City , NY

- Development of Google Chrome extension for Telephony applications using BOSH techniques.
- Development of Telephony integration with Zendesk using .NET event driven Engine.
- Development of CTI Connectors for Telephony platforms: Vonage, InContact, Asterisk, Avaya IP Office, Avaya AES, Digium SwitchBox using .NET event driven Engine.
- Development of Cisco finesse Gadgets for Pitney Bowes ECMA Optimization of existing JAXB web services for New York Life insurance company used by Cisco Voice Portal.
- As a result of my work CVP Servers did not produce memory leaks and increased performance by a factor of 100.
- Development of web services integration for ICMA financial services corporation and Cisco Voice Portal using JAX-WS.

01/2006 to Current

Senior Software Engineer Robert Bosch Tool Corporation 1/4 Bethlehem , PA

- Developed a method for regression testing Voice XML IVR applications.
- Developed Web based Softphones using AngularJS and Cisco Finesse BOSH REST APIs (Bidirectional-streams Over Synchronous HTTP) to replace current thick client Java applications.
- Development and support of Web services for integration with Cisco Voice Portal This web services provide database information and remote systems information (web service proxies) for Assurant IVR applications which handle high call volume up to 600 voice calls per minute.
- Technologies used for this web services are Java, Spring WS, Hibernate, Oracle database, Websphere 9 Application Server in a multi cluster environment, ehCache and Websphere Dynacache.
- Development and support of custom Cisco CTI Softphone used by 3000+ agents.
- The CTI softphone provides data gathered in the IVR and then launches custom applications to automate customer service processes.
- Development and support of Corporate intranet site with 10,000+ users and departmental sites using IBM WCM and Websphere Portal.
- Development and support of Web Services for Intranet applications developed in Java which provide Mail, LDAP and interfaces with IBM WCM.
- Technologies used for this websites include: Java, Spring, JSP, HTML, XSL,SQL,SOAP, Javascript Development and Support of a Requisitioning web application developed in-house which is used corporate wide by more than 3000+ users.
- This web application interfaces with multiple systems using web services (SOAP and REST).
- The web application is the client for a collection of more than 20 web services consumed using AJAX and the JavaScript framework Prototype.
- Design and coding of java web services to interface with Lawson ERP software and hide the Lawson software complexity from the consumers of the web service.
- Lawson software runs on Websphere 6.0 and the interfaces and web services reside in the same infrastructure.
- The database for Lawson is Oracle in which we had to create triggers and stored procedures to support the modifications/ enhancements without change the base ERP software.

01/2006

Software Engineer Robert Bosch Tool Corporation 1/4 Atlanta , GA

- Design and development of a Health Insurance web site for Internet and internal users (Doctors Offices).
- The development platform was Eclipse IDE , Spring, Tomcat and Hibernate API to access Microsoft SQL server.
- The framework used for the web application was Java Tapestry.
- The doctor's calendars where greatly enhanced with JavaScript to provide good client side functionality.

01/2002 to 01/2006

Software Engineer Bmo 1/4 Oregon , WI

- z/Services Web Services Consumption Project.
- Project Leader.

- Development of middleware software tools (Java and .Net) to consume SOAP based Web Services by Mainframe applications.
- As a result of my contribution I was included as inventor in United States Patent 7941543.
- Design of client side tools to generate web services proxies to be consumed by IBM Mainframe.
- Plug-in development for Microsoft Visual Studio IDE which would generate and upload to the mainframe XML metadata and COBOL copybooks.
- Web application development to generate java proxies and COBOL copybooks.
- Traveled to California for several months as a consultant to implements projects for.
- ADP using Clientsoft Mainframe and client tools.

01/1998 to 01/2002

Senior Technology Officer JP Morgan Chase 1/4 City , STATE

- Designed and developed multiple business critical projects for the International Private Bank.
- Traveled to Switzerland and the UK to implement multiple projects.
- Programming languages used in these projects were Java, ORACLE PL/SQL, C.
- Family Office Web Site.
- Design and developed a website for Family Office customers.
- This web site provide online balances, transactions and custom Adobe PDF reports viewable also online.
- Design and coding of Oracle schemas and stored procedures, java JSP pages and server side programs to produce the customizable financial reports.
- The development of java code was done using one of the first versions of Websphere Studio Application developer tool.
- Geneva Restructuring Project.
- Development of new interfaces and enhancements to the PBIS AS/400 based software.
- This new interface were developed to connect the Portfolio Integrator software to mainframe based system including General Ledger, DDA, Deposits, SWIFT, Foreign Exchange and Letters of Credit.
- Development of a java proxy to translate private information when client application resided in Switzerland.
- London Private Bank Platform.
- This project consisted on enhancing the current PBIS software to adapt to UK requirements and regulations.
- To comply with UK regulations the postscript portfolio statements software was completely rewritten and modularized for better maintenance.

Education

1996

M.S : Management Information Systems University of Miami Management Information Systems

1995

B.A : Management Information Systems Saint Thomas University Management Information Systems

Skills

.NET, Adobe, ADP, AJAX, Apache, API, AS/400, automate, Avaya, BizTalk, C, Cisco, COBOL, consultant, Credit, CSS, CTI, client, customer service, DBA, database, Eclipse, Enterprise Java Beans, EJB, ERP, XML, financial, financial reports, Foreign Exchange, General Ledger, Geneva, HTML, HTTP, IBM, DB2, IBM MQ Series, IDE, IIS, Insurance, IVR, IP, J2EE, Java, Java Programming, JSP, JavaScript, Lawson, LDAP, Letters, Linux, Mainframe, IBM Mainframe, memory, access, C#, Mail, Office, Windows, middleware, Enterprise, OS, Optimization, Oracle, Oracle database, developer, ORACLE PL/SQL, PDF, postscript, processes, coding, Programming, Project Leader, proxy, RAD, Servers, SOAP, Sockets, Microsoft SQL server, SQL, SQL Server, Sun, SWIFT, TCP/IP, TECHNICAL TRAINING, Telephony, Tomcat, Microsoft Visual Studio, Visual Studio, Web application development, web site, website, websites, Websphere 9, Websphere 6.0, Websphere, XSL