SENIOR SOLUTIONS ARCHITECT

Summary

Senior Solutions Architect adept at designing and implementing effective technical business solutions. Advanced levels of technical knowledge combined with sound business vision and project management skills. Exceptional problem-solving and written and verbal communication skills, with broad understanding of UML, databases, EAI and related applications. Enjoys leading teams to deliver end-to-end solutions to customers.

Highlights

- Business/IT Alignment
- Solution Development
- Change Management
- Team Management
- Execution and Delivery
- IT Transformation Planning
- New Technology Deployments
- Application Development
- Business Process Re-Engineering
- SOA BPM EAI EDA
- Cloud
- Enterprise Content Management
- Information Management
- Distributed Computing

Education

Bachelor of Engineering (BE)

Master of Business Administration(MBA)

Certifications

Fundamentals of SOA and computing

Sun Certified Programmer for Java 1.4 platform

Awards

TG- All Pro in IT Award

TG- All Star Award

Technical Skills

Languages: Java, JavaScript, JQuery, JSON, XML, D/HTML, UML, CSS, XSD, XSLT, XPath, XQuery, SQL, Ruby, PL/SQL, UNIX Shell Script.

Operating Systems: UNIX, MS-DOS, MS-Windows XP/2000/NT/Windows7

Integrated Development Environment: Oracle JDeveloper, Spring Tool Suite(STS), Eclipse Juno, Oracle SQLDeveloper, SQL DBX, Argo UML.

Database System: IBM DB2, SQL Server, Oracle 9i/11g, MySQL, MongoDB

O/R Mapping/Cache : EclipseLink, Hibernate, Oracle Coherence

Frameworks/Technologies: JSP2.0, Java Servlet2.3, JMS, JSF, PrimeFaces, Spring 3.1, Spring Integration, Spring Batch, Oracle ADF, Oracle Webcenter

App/Web Servers : Tomcat 7.0, Oracle Weblogic 11g, IBM Websphere 7, JBOSS EAP 5.1, Apache HTTP, Oracle Glassfish 3.1.2

Cloud Services: Salesforce, Heroku, AWS

Big Data Analysis platforms/Tools: Hadoop, MapReduce

Tools and Utils: Log4j, JMeter, jPOS,Maven 2, Ant, PUTTY, Jenkins, Jira, Selenium, Splunk, GoAnywhere MFT 5.1.5

Version control system: GIT, SVN, VSS, Rational Team Concert

Profilers : Visual VM, JMap, Oracle JRockit Mission Control

Business Intelligence/Reporting : SAP Business Objects Enterprise, Crystal Reports, Jasper Reporting

Business Rules: JBOSS Business Rules Management System, DROOLS

ETL/Datawarehousing: Informatica PowerCenter

Enterprise Content Management: Oracle Content Server, IBM FileNet, Sharepoint

WebServices: SOAP, REST, Jersey,SOAP UI

Experience
Senior Solutions Architect 05/2015 to Current
Iboss New England , MA

Environment:

- Payment Card ISO 8583 Processor, MasterCard Fraud Rules Manager(FRM), PCI, Java 7, XML, UML, XSL, AJAX, JSON, SOAP, REST, Splunk, HTML5, JEE, AngularJS, Oracle Database 11g, Tomcat 7, jPOS, Glassfish 3.1.2 , Spring 4.1, Rational Team Concert, Jasper Reports, Drools, Â GoAnywhere MFT 5.1.5

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Responsibilities:

- Worked as a Senior Technical expertÂ cross-functionally with Product Managers, Account Managers, Project Managers and technical teams.
- Reviewed RFP's/Proposals to identify gaps & provided technical solutions and software costs.
- Provided secure, reusable, efficient and cost effective technical solutions.
- Oversaw and supported implementation projects from inspection to go-live.
- Worked with other architects to create target & reference architectures, technical roadmaps, and standards.
- Collaborated with Product managers & LOB to create business roadmaps.
- Facilitated internal solution discussions and analysis with other architects, developers and subject matter experts to establish a holistic functional and technical vision for new features and functionality.
- Exercised working supervision over project staff supporting the solution.
- Directed the development and implementation of comprehensive strategies to meet client needs.
- Analyzed client requirements and standards to develop and implement high level, client-focused solutions.

- Oversaw implementation of the architecture to ensure client needs were met in a timely manner consistent with the specified budget.
- Interfaced with upper management to understand and provide solutions consistent with business needs.
- Supported LOB, Product managers & BAs to select right solution & deliver requirements artifacts upfront in the engagement.
- Work under the direction of Architecture Manager & Senior Management for target architectures and roadmaps.Â

Senior Solutions Architect 11/2011 to 04/2015
Iboss San Francisco , CA

Environment:

- Java 7, EJB 3, JSF 2.0, PrimeFaces 3.0, Oracle ADF 11g, XML, UML, XSL, AJAX, JSON, Splunk, HTML5, JEE, JavaScript, DB2 v10, JDeveloper 11g, Weblogic 12.1.3 , Spring 4.1, Hibernate, EclipseLink 9.0.4, SAP Business Intelligence, Informatica, SCRUM.

Responsibilities:

- Translated business requirements into detailed architectures and designs.
- Provided technical solution development expertise to various projects throughout the firm.
- Developed reusable solution architecture assets , physical and logical.
- Developed and prototyped R&D initiatives using emerging technologies.
- Created solution architectures and planned the development efforts to support Core Business Processes and Technology Transformation Programs.
- Analyzed current state technology environment and developed future state architectures.
- Documented all technical requirements, solution components and configurations utilizing enterprise architecture standards.
- Implemented architectural designs while building solid relationships with stakeholders at all levels.
- Identified where exceptions to the enterprise architecture standards were required.
- Researched, recommended and communicated emerging technologies to solve product problems.
- Interfaced with software vendors and consultants to discuss details of technical solutions.
- Mentored other Developers in coding practices, architecture, packaging, performance tuning and monitoring.
- Lead the use of standard practices and ensured adherence by all team members & contractors.
- Communicated the architectural vision to the development team and others when needed.Â
- Developed estimation and planning models for system integration projects.
- Participated in recruiting, resource management, and project staffing activities.

Solutions Architect 12/2009 to 11/2011
Leidos Fairmont , WV

Environment: Â

- Java 6, EJB 3, JSF 2.0, Oracle ADF 11g, XML, UML, XSL, AJAX, HTML, JSON, Splunk, JEE, JavaScript, DB2 v10, JDeveloper 11g, Weblogic 10.3.6 , Spring 3.1, Hibernate, EclipseLink 9.0.4, SAP Business Intelligence, Informatica, SCRUM.

Responsibilities: Â

- Lead detailed design, development and integration efforts for all system components.
- Produced architecture documentation and specifications.
- Acted as a technical resource to other team members for difficult architecture and development problems.
- Participated and provided leadership in architecture planning and definition of technical strategies.
- Planned, and executed detailed service upgrade plans and procedures to ensure seamless transition with minimum customer service interruptions.
- Provided recommendations and guidance concerning selection of specific technology software for implementation.
- Recommended and presented technology/architecture solutions to various stakeholders.
- Lead the implementation efforts for all new product development.
- Provided quotes for estimated development time and costs for clients.
- Liaised with line management on business developments.
- Ensured that all implementation methodology deliverables were completed and on-time.
- Worked closely with development team to identify and resolve issues.
- Provided technical solutions to customer deployment issues in the field.

Project Technical Lead 03/2006 to 12/2009
Samsung Electronics America Inc Simpsonville , SC

Environment:

- Java 5, JSP, EJB, Struts 1.0, XML, UML, XSL, HTML, J2EE, JavaScript, DB2 UDB 8.1, Eclipse 3.0, Websphere 7.0, TopLink 9.0.4, Parallel Crystal Server 2.7, Crystal Enterprise 10, WindowsNT.

Responsibilities:

- Developed and delivered efficient and cost-effective technical solutions to meet customer business requirements.
- Lead the effort to incorporate best practices and adherence to standards during the development cycle.
- Lead and mentored the project team from both technical and functional perspectives including database development, data architecture, integration development, requirements identifications, testing, and project management.
- Helped adopt the agile methodology and participated in methodology roll-out and training activities.
- Managed the coordination between customers, engineering, various field teams and 3rd party vendors during major deployment activities.
- Interfaced with software vendors, and consultants to discuss details of assigned programming tasks.
- Developed solution cost structure by identifying all cost points including labor, software and hardware.
- Worked with functional analysts, developers and development managers and ensured all solutions were deployed within agreed time-lines and supported after delivery.
- Mentored junior developers.
- Led team of developers in the delivery of technical systems and components.
- Ensured on-time, quality release of systems and components.

Senior Software Developer 03/2002 to 03/2006
Uniti Group Elmira , NY

Environment: Â

- Java 2, JSP, EJB, Struts 1.0, XML, UML, XSL, HTML, J2EE, JavaScript, DB2 UDB 8.1, Eclipse 3.0, Websphere 6.0, TopLink 9.0.4, Parallel Crystal Server 2.7, Crystal Enterprise 10, WindowsNT.

Responsibilities: Â

- Extended and customized the Struts framework, developed JSP tags, Tiles for a web workflow framework.
- Developed and maintained a Generic Services framework that provided mechanism for all sub-systems to uniformly access infrastructure services such as logging, security etc.
- Developed and maintained an XML based Rule Engine and automated JavaScript Generation from rules.
- Developed and maintained a Reporting framework for use with the Crystal Enterprise and Parallel Crystal Report servers.
- Designed Session EJB interaction pattern and implemented critical business logic using TOPLink.
- Developed and maintained a B2B system for interaction with lenders, schools and guarantors.
- Profiled & tuned EJBs, TOPLink CMP and the database.
- Conducted Performance tests for AdvanTG Web, analyzed test results and recommended changes.
- Conducted Design and Code Reviews.

Lead Developer 03/2001 to 03/2002
Cambridge Associates Llc Dallas , TX

Environment:

- Java 2, JSP, EJB, Struts 1.0, XML, UML, XSL, HTML, J2EE, JavaScript, DB2 UDB 6.1, TOPLink, MQSeries 5.1, IBM Visual Age for Java 3.5, Websphere 3.5, Cognos, WindowsNT.

Responsibilities: Â

- Designed and developed the system using ActiveMarket-3.0.2.
- Designed System Components using UML (Rational Rose) and translated Business Flow Charts and Use Cases into Class and Sequence diagrams.
- Used Rational's code-builder to generate project classes and the relevant database tables.
- Used TopLink to do the objectâ€‘relational data mapping for the DB2 schema.
- Integrated with legacy operational transaction and data base systems via MQSeries 5.1 and the MQ Java API.
- Designed, developed and deployed Enterprise Java Beans for the platform and application modules.
- Developed the presentation layer using Struts and extended the framework to include DAO, singleton and factory design patterns.
- Developed a Reporting framework using Cognos to provide reports on customer dynamics and Value-element effectiveness.
- Developed batch programs to load data from flat and XML files.

- Provided technical guidance to production support teams and mentored developers.
- Worked on performance improvements and code efficiency.
- Supervised production deployment efforts.

Web Applications Engineer 01/2000 to 03/2001
Comcast Modesto , CA

Environment:

- Java 2, JSP, EJB, XML, UML, XSL, HTML, J2EE, TOPLink, JavaScript, SQLServer, IBM Visual Age for Java3.02, Websphere 3.5, WindowsNT.

Responsibilities: Â

- Designed and developed the system using ActiveMarket-3.0.
- Documented the system's architecture and business object model using Rational Rose.
- Used object-extensibility to derive custom objects with project-specific attributes.
- Modified the EJBs, database connection resources, bean deployment properties, session and entity contexts for EJB 1.1 compliance.
- Implemented a JMS-type interface to communicate via asynchronous XML messages among client components and server components.
- Built XML-to-Java binding components that automatically (through reflection and recursion) instantiated and populated Java objects from XML.
- Documented and established programming standards.

Java Developer 08/1998 to 10/1999
Comcast Philadelphia , PA

Environment: Â

- HP UX 11.0, Visibroker for C++, Visibroker for Java, CORBA and WebLogic

Responsibilities: Â

- Gathered and understood the business enhancements to provide technical solutions.
- Designed, developed, and tested using Visibroker for Java (CORBA implementation) and Visibroker ORB.
- Performance tuned IDL changes and ORB communication.
- Developed tools/utilities in Java (client side).
- Hosted the Global Support Server in BEA Web Logic environment that was earlier in a CORBA environment.
- Analyzed changes required in the existing system for porting.
- Addressed issues with multithreading, scalability, configuration, load balancing, interoperability and scalability of the present system in WebLogic.
- Ported the system from Visibroker ORB to Web Logic ORB.

Java Developer 01/1998 to 08/1998
Actionet, Inc. Silver Spring , MD

Environment:

- Windows NT, HP UX 11.0, Servlet, JSDK 2.0, Visibroker for Java, JRun, Apache Web Server, HTML, JavaScript.

Responsibilities: Â

- Designed and developed a web interface to the Global Support Server, a CORBA object using Java Servlets.
- Used Visibroker ORB for communicating with the Entitlement CORBA object.
- Designed and developed servlets using JSDK 2.0.
- Incorporated a load balancing mechanism in the servlet for multiple instances of the Entitlement object in the network.
- Developed Web client using HTML, JavaScript.

Software Engineer 06/1993 to 12/1997
SPIC Electronics Ltd City , STATE

Environment: Â

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- ORACLE 7.1, Forms, Reports, HPUnix, IBM Compatibles.

Responsibilities: Â

- Analyzed, designed, developed, and supported Business Application Software.
- Created and maintained Data Models, tables, Stored procedures, triggers, and indexes.
- Tested, and fine-tuned SQL Queries, Stored procedures, and triggers.
- Documented Design Specifications, Program Specifications, Installation Procedures and Data Model.