**SAIKRISHNA VANGA**

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### SUMMARY:

* **7 + years of Experience** in all facets of J2EE Application design and development, including business analysis, system design, implementation, maintenance, support and testing.
* Experienced in using **J2EE, EJB2.1, EJB3.0, OpenEJB, RMI, JPA, OpemJPA, JDBC, JSP, Apache Struts, Servlets, JMS, XML, XSLT, Active MQ, IBM MQ Series** and **JavaScript.**
* In-depth knowledge and experience in using **Java, JavaScript, SQL, PL/SQL, JSF, HTML, DHTML, CSS, XML** languages.
* Strong experience in Service Oriented Architecture (**SOA**) and publishing web services that include several components like **SOAP**, **WSDL, XSD, UDDI**, **Axis2** and JAX-WS.
* Experienced in using Objects Oriented Design, Design patterns, **UML** and **Rational Rose**. Expert in gathering Requirements and Systems Analysis.
* Proficient in using Object Oriented Analysis and Design (**OOAD**) principles, applying proven design patterns in building high performance applications.
* Extensive experience in GUI design using **JSP, JSF**, HMVC Pattern, MVC Architecture, leading to substantial reduction in time and effort.
* Use of **IDE** for developing environment like **IRAD**, **Eclipse, NetBeans, Sun ONE Studio, Web Sphere Studio** **7.0/8.0**, Jbuilder, Web Gain Business Designer & Structure Builder, Elixir Case, and Visual Source Safe and **Erwin** for Data base Scheme Design.
* Sound RDBMS concepts and extensively worked with **Oracle 8i/9i/10g/11g**, DB2, **SQL Server 8.0/9.0/10.0/10.5/11.0, MySQL,** MS-Access and **Toad**.
* Experienced in writing **PL/SQL procedures, Triggers** in Oracle and **Stored Procedures** in DB2 and MySQL.
* Experienced is developing **Ant** and **Maven** scripts for automated application build and testing
* Expertise in Cutting Edge Technologies like EJB, **JPA, JMS**, XML and WebSphere MQ Series with good experience in Developing and Deploying Enterprise Java Beans (EJB) on Application Servers like WebLogic, WebSphere and JBoss.
* Worked on different Application Servers like **WebLogic, WebSphere, JBoss**, Oracle Application Server and Web Server like **Tomcat**.
* Experience using Hibernate for mapping Java classes with database and using Hibernate Query Language (**HQL**).
* Strong experience in developing Enterprise Data models and successfully implemented these using **Hibernate POJO's** and configured Hibernate persistence layer.
* Worked on Operation Systems like **Windows’ XP/2003/07/08NT, Sun Solaris, UNIX,** and **Linux (Redhat ES5 and Ubuntu)**.
* Worked with different SDLC methodologies like RUP and **Agile** (TDD, **SCRUM** and XP).Also have experience in using **Waterfall** methodology.
* Experienced in using source code change management and version control tools **Subversion**, **CVS**, ClearCase and Microsoft Visual SourceSafe.
* Experienced in using Java libraries and packages such as the Java **Threads** package, **Collection**, Concurrent and NIO packages.
* Accomplished with creating Test Plans, defining Test Cases, reviewing and maintaining Test Scripts, interacting with team members in fixing errors and executing User Acceptance Testing (UAT), Unit, System Integrated Test, Regression Test and Customer Test.
* Provided technical support for debugging web applications, database and assistance to production systems.
* Capable of Learning new technologies quickly and adapting to a new environment. Excellent Troubleshooting skills.
* Excellent and efficient **Team Member** with good planning and monitoring skills. Ability to work under stress and in meeting the schedules. Excellent Communication and Technical Document Writing skills.

### TECHNICAL SKILLS:

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| **Operating Systems** | Sun Solaris, UNIX, Linux (Redhat, Ubuntu), Win 2003/07/08 XP/ NT |
| **Programming Languages** | Java, JavaScript, C, C++ and UNIX (ksh) Shell Scripts |
| **Middle Ware/Tools** | EJB 2.1 & 3.0, Servlets, JSP, JDBC, Web services, Message Driven Beans, Apache ActiveMQ and IBM MQ Series for Java. |
| **Web Technologies** | J2EE,JDBC,Servlets,Struts,JSP,JavaBeans,RMI,EJB, JNDI, JAX-WS, JAXB, SAX, JMS, Java, Web Services using SOAP, WSDL, JSF, HTML, JavaScript, DHTML,DOM, XML, XSL, XSD, CSS, Applets, AWT, Hibernate, HQL, Criteria |
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| **Database** | Oracle 8.x/9i/10g/11g, IBM DB2, MS Access 2003, MS SQL Server 2003/2005/2008/, TSQL, SQL, PL/SQL, Triggers, Views, HQL, Criteria, Toad |
| **Presentations/GUI** | JSP, Java Script, CSS, XSL, HTML, DHTML,AJAX,VB |
| **Tools/IDE’s** | Eclipse, IBM Web Sphere Studio (WSAD), Sun ONE Studio, JBuilder, Rational Rose 2001A, CVS, Rational Clear Case, Rational Clear Quest, XML Spy, Apache Ant-Build Tool, MS-Office, JUnit, SQL \*Plus. |
| **Web/App-Servers/EAI** | Apache Tomcat, IBM WebSphere 7 and 8.0 IBM Web Sphere Studio 5.x, BEA Web logic 9, Sun ONE Application Server, IBM HTTP Server, Apache HTTP Server |
| **Protocols** | TCP/IP, HTTP, HTTPS (HTTP+SSL), TELNET, FTP and SOAP |
| **Methodologies** | Software Engineering (SDLC), OOAD and UML |
| **Frameworks** | Jakarta-Struts (MVC), Framework (MVC), J2EE Design Patterns, Spring |

### WORK EXPERIENCE:

**GSK (GLAXO SMITH KLINE) October 2013 – Till date**

**Location : RTP , NC**

**Project name:** Canada Integration Pharma

**Role**: Analyst programmer (Java)

**Project Description**: The Strategic Solution program objective is to synchronize seamlessly the customer data provided by the upstream to all the downstream in a real time, in contrast, to the current weekly process and thereby remove the redundant data across all the systems with the ESB Publish.

**Achievements:** Synchronization of the HCP and HCA records across all the systems for consistency and availability at need of time.

**Responsibilities**

* Build the CWS (Composite web services) which is a solution framework built on the top of MDM HUB to meet the program objectives.
* Implemented the CWS application which delegates the data inflow, from various sources, to MDM and facilitates the data retrieval from MDM for outflow to various downstream applications.
* Worked on Inbound Services which facilitates the business services to be used by external systems for inflow of data to MDM and include support services like Transaction management and security to provide data integrity.
* Worked on Outbound Services where Data publish is segregated as real time and batch data.
* Created axis based web services to external systems, which would invoke them to interact with MDM and these Java web services ,deployed as J2EE EAR application
* Extensively used EJB protocol for internal calls to SIF.
* Responsible for developing a WSDL for describing services as a part of endpoint operations on XML messages over HTTP(S)SOAP request. On successful completion of process a SOAP message response is sent.
* Successfully handled the error mechanisms i.e., CWS to UI error handling, CWS to MDM Integration, CWS to ESB Integration.
* Used JBOSS application server for the deploying.
* Developed stored procedures, Triggers and Functions to process the claims using PL/SQL among all tables residing on Oracle Database.
* JUnit is used for testing the application modules and participated in the functional and integration tests.
* Implemented Log4j for all classes to set debug levels on production systems.
* Developed Messaging frame work for Asynchronous service using JMS (ActiveMQ)
* Used Unix Shell scripting (Ksh).

**Environment:** **Java /J2EE**, **, Spring (EJB 3), Composite Web Services, JAXB, Struts2, SOAP**, Ant, MDM,XML, **Annotations**, **WSDL, UDDI,** XSD, JAX-WS, **JMS**, ActiveMQ, **Oracle 10g, PL/SQL**, JUnit, Log4j**, JBOSS Application Server , UNIX.**

**AT&T March 2012 – September 2013**

**Location:** Dallas, TX.

# Role: Java Consultant

**Description:** AT&T is largest communications company, providing consumers with solutions to all their communications needs, including telephone services, wireless communications, high-speed Internet, digital television and voice over IP. **Single sign-on** (**SSO**) is a new feature to access control of multiple related, but independent software systems. With this feature, a user can log-in once and gain access to all systems without being prompted for log in again.

**Achievement**: Successfully implemented SSO in front end applications and related web services.

**Responsibilities**:

* Designed, developed and enhanced front-end GUIs with the implementation of **Security Assertion Markup Language (SAML),** an XML-based open standardfor exchanging authenticationand authorizationdata between security domains
* Designed WSDL's and elaborated type of definitions; schemas based on corporate standards, integration and security specifications.
* Developed the enterprise authentication module to identity the employee.
* Developed authorization module within the enterprise implementation that can check whether the authenticated user has the necessary privileges to access the resource.
* Implemented Kerberos key distribution center (KDC) which will issue two types of tickets, Ticket granting ticket (TGT) and service ticket.
* Implemented the web services and associated business modules integration.
* Implemented object / relational persistence (hibernate) for the domain model.
* Configured and implemented application security services and web services security- Message- Level security.
* Worked on cross-domain application technology based on Web 2.0 and current platform RESTful API.
* Developed Mobility SSO in the mobility application development environment to work with authentication and mobility network subscriber identification.
* Worked in rapid application creation and deployment teams.
* Analyzed complex data call flows and application traffic models.

**Environment:** **JSP, Servlets, Hibernate, Struts, Ant, JDBC**, Web services, Axis, Eclipse, Web logic 8.1, oracle 9i.

**Macys August 2011-March 2012**

**Location:** Marietta GA

**Role:** Java Developer

**Project Description**: Macy’s, Inc. is one of the nation’s premier omni channel retailers.  The e-commerce web application was developed with a team of 12 members where the website functionality was extended to provide the customers to perform online transactions.

**Achievements:** Successfully designed and developed a B2B (Prodesk) and B2C (eStore) ecommerce applications using Java and J2EE technologies.

**Responsibilities:**

* Understanding the Business requirements.
* Developed a web based application using Java, JSP, Servlets, HTML with SDLC (Software Development Life Cycle) model.
* Used JSP and HTML for creating user interface.
* Implemented **Struts** DynaActionForms, MessageResources, ActionMessages, ActionErrors, Validation.xml and Validator-rules.xml.
* Used JavaScript for client side validation
* Written SQL to retrieve and insert data from/into the database.
* Designed, developed and deployed the EJB’s onto the WebSphere Application Server 7.5.
* Used Log4j as a debugging tool for logging application debugging messages.
* Application designed and developed using **Java Core**, **J2EE**, JMS, Javascript**, Struts, Hibernate, AOP** CSS, **Web Services Axis**, and AJAX
* Involved in Code Review.
* Involved in Unit testing and Integration testing of the application.
* Used Clear Case as version control system, to keep track of all the work and changes to allow several developers to collaborate

**Environment:** Java, JSP, HTML, JavaScript, Oracle, **Struts**, **Hibernate** Eclipse Galileo, Log4j, Clear Case.

**Liberty Mutual. November 2010 - August 2011**

**Location**: Fairfield**,** OH

**Role:** Java Designer Developer

**Description**: Liberty Mutual Group and its subsidiaries such as Ohio Casualty Group, offers full line of Insurance products and services in USA and abroad. The IT department designed and developed state of art insurance application systems for consumers, agents and underwriters using Insurance Application Architecture (IAA) and Websphere Commercial Suite (WCS) supplied by IBM.

**Achievement**: Enhanced commercial insurance policy system that supported single line of business to multiple lines of business.

**Roles and responsibilities**: Designer and developer responsible for analyzing the requirements and developing the front end and back-end for on-line insurance product sales.

* Designed and developed **J2EE** and **WEB applications** to manage and deliver commercial insurance quotes and policies covering **Commercial Property, Auto and Workers Compensation**, for agents and underwriters.
* Application designed and developed using **Java Core**, **J2EE**, JMS, Javascript**, Struts, SOA, Hibernate, Spring, AOP** CSS, **Web Services Axis**, and AJAX.
* Applications using WebSphere (RAD 6.1) with **Commercial** Suite add-on, Windows 2000 server, Rules Engine, IBM Mainframe (Insurance Application Architecture – IAA), Object Relational Model. Backend has legacy system written in C++.
* Proficient in using J2EE frameworks including Struts, Hibernate, EJB, JDBC and other supporting interfaces. Automated tests using Ruby, Waitr and Bamboo, together with Ant and Ivy.
* Developed and implemented **on-line order** processing (B2C) using **WCS** **catalog**, product, price and order beans and modules for consumers, agents/underwriters.
* Implemented **multi-threaded** design for delivering good response times and avoiding dead-locks and race conditions. Optimized application system for **high-availability** and high-performance using Load balancing features of Websphere.
* Used two tier design patterns using WebSphere RAD, **UML** based **CASE** (Computer Aided Software Engineering) tools. Software Development Life Cycle as per Rational Unified Procedures (RUP), Agile and Scrum processes.
* Expert in using J2EE frameworks including Struts, Struts-tags, Hibernate, Spring, EJB, JMS, JPA, JDBC, and other supporting interfaces. Used Clearcase for version control, Incident management and track user reports. Text Indexing and Search using Lucene.

Environment: J2EE, IBM **WebSphere** Commercial Suite, Tomcat and Apache

**Spring** 2.5, Java, EJB, **C++/C**, **AJAX**, Java, SQLPlus, SQL, PLSQL, JMS, FreeMarker, **Hibernate** 3.0, JAX,**Strut II**, XML, JTS, **Ruby-on-Rails, SOA,**  Ant, Ivy, Server, Axis, MySQL, Hibernate (ORM) **AIX**, Linux, IBM OS/VS, Windows 2000 Server,

**CenturyLink October 2009 – September2010**

**Location**: Monroe, LA

**Role:** Web application developer

**Project Description**: CenturyLink is an industry-leading provider of communications, high speed Internet and entertainment services from coast to coast. IABS is one of the systems CenturyLink uses to bill various products and services that are not billable via Customer Records and Information System (CRIS) or Billing and Receivable Tracking (BART) or any other CenturyLink billing system.

**Achievements**: Successfully developed the core modules of the integrated access billing system to support wholesale billing system.

**Responsibilities:**

* My responsibilities were to design and develop Java/J2EE application for Monitoring module and Scheduling online facilities. These modules supported the Cummins Engine and Fuel system product lines.
* Worked with the business analysts, project managers and end-users to gather requirements, design the database, and develop the application subsystems.
* Designed and Developed the UML Use Cases, Class Diagrams, and Sequence Diagrams using Rational Rose for Scheduling module.
* Designed and developed Add, Edit and profile view web pages for the Credit Monitoring module, including Search and Result screens for Accounts Department and customers using JSP, HTML, DHTML, XSL, JSTL, Struts Taglibs, Custom Taglibs and Ajax.
* Worked on Tiles in developing the JSPs. Used a layout in combining the JSPs according to their wire frame appearance
* Developed various Components implementing Struts DynaActionForms, MessageResources, ActionMessages, ActionErrors, Validation.xml and Validator-rules.xml.
* Enhanced and maintained several EJB3 Components in implementing Business Logic and to interact with the other subsystems.
* Coded different action classes in Struts and responsible for maintaining deployment descriptors like struts-config.xml, ejb-jar.xml and web.xml.
* Developed the Java Utility Classes, Java Proxies to Communicate with the DAOs.
* Developed the SQL stored procedures using PL/SQL for the Collection module in Scheduling subsystem.
* Involved in transferring knowledge, trained new developers and team members in creating web applications
* Completed the assigned tasks in the given time frames along with good software quality checks using PMD (static source code analyzer).
* Actively participated in Unit, Integration and User Acceptance testing phases.

**Environment:** **Java/J2EE**, Rational Rose, **JSP, HTML**, DHTML, **XSL, STRUTS 2, JavaScript**, AJAX, Tag libraries, **Strut-Tiles, Struts Actions**, XML, **Sun Solaris, EJB 3, SQL, PL/SQL, Hibernate 3**, JUnit, Oracle 10g, PMD, **WebSphere 7.0, WSAD**, Clear Case.

**State Farm Insurance October2008-October2009**

**Location:** Detroit, MI

**Role:** Java Developer

**Project Description:** State Farm offers Insurance services to business customers and consumers. This application enables clients to access, review and update Insurance policies online. The website functionality was extended to provide the customers to perform online transactions like paying bills online and updating their insurance policies. It also includes Customer Care website to provide customized policy information for the end users.

**Achievements:** Successfully designed claims and payment modules for Workers Compensation and Health insurance subsystems using Java and J2EE technologies.

**Responsibilities:**

* Spring framework and J2EE technologies are implemented for insurance claims and payment back-end modules
* Spring DAO and POJO mapping java classes using ORM tool were successfully implemented.
* Responsible for the wiring and the configuration of Beans using Struts web based application using struts-config.xml and web.xml.
* Developed Web services for non java clients to obtain user information and modified Struts configuration files as per application requirements
* Followed Agile Methodology (TDD, SCRUM) to satisfy the customers and wrote JUnit test cases for unit testing modules.
* Coded the front end Applications using HTML, JSP, Ajax, Struts Tag-libraries, custom JSP tags for role-based sorting and filtering and used JavaScript validations to validate the fields of the user registration screen and login screen.
* Designed and developed Customer registration and login screens using JSP, Struts-Tiles, HTML/DHTML and JavaScript.
* Used log4j for tracking errors and debugging the code.
* Configured Spring to manage Action classes and set their dependencies in a Spring context file and integrated middle tier with Struts. Used EJB components for backend processing.
* Developed stored procedures, Triggers and Functions to process the claims using PL/SQL and also established data integrity among all tables residing on Oracle Database.
* Built Ant, Maven, shell scripts and JACL on UNIX environment and deployed the application in WebSphere Application Server.
* Developed Messaging frame work for Asynchronous service using JMS (ActiveMQ) and Message Driven Beans.
* Involved in implementing source code Branching and performed Check-in/Check-out in Subversion.

**Environment**: **Java/J2EE, JSP 2.1, HTML**, DHTML, XSL, **STRUTS 1.3, JavaScript**, AJAX, DAO’s, POJO’s, **Hibernate 2**, Tag libraries, Spring Framework, **Oracle 10g, PL/SQL**, CSS, Web Services, **Servlets 2.5 , Scrum, JUnit, log4j, Ant**, Maven, UNIX, **WebSphere Application Server**, JMS, MDB’s, **Subversion.**

**Blue Cross Blue Shield Association September 2007 - October 2008**

**Location:** San Francisco, CA

**Project Name:** List Management System (LMS)

**Role:** Java Developer

**Project Description:** The Blue Cross and Blue Shield Association is a national federation of 39 independent, community-based Blue Cross and Blue Shield companies that collectively provide healthcare coverage. This project was developed to enable online subscription of insurance and membership for the customers. The project was primarily developed to provide a GUI to the agents offer the insurance quotes to the customers. The application was designed using J2EE technology providing functionality for subscription, maintenance, and payment process.

**Achievement:** Implemented the Subscription and Payments modules for the List Management System.

**Responsibilities:**

* Designed, delivered the Subscription and the Payment modules for the LMS using Struts framework and WebLogic.
* Developed the Subscription module for getting the quotations and adding a member for HMO plan and PPO plan of the Health Insurance System.
* Designed and developed user interface (UI) using JSP, JSP Tag Libraries (JSTL), Core Java, Custom Tag Libs, Java Script, XML and HTML.
* Using UML, developed Use Cases, created Class, Sequence and UML diagrams.
* Developed activities like select policy, policy quotes and add member for the Subscription module and billing activities for the Payments module.
* Implemented Struts Framework for the front end and used Action Controller, Action Form, Dyna Action Form, Validation Frame Work, Struts-Tiles, Struts Tag Libraries, Look up Dispatch Action for the presentation logic.
* Developed the application in Sun Solaris environment and deployed on to WebLogic Application Server 10.3 on Workshop for WebLogic 10.0 IDE.
* Used JSTL to render the information in the JSPs and AJAX to communicate with the server and displaying asynchronous response.
* Designed and developed Beehive controls for JMS and JRules integration.
* Configured various beans in the xml file maintained by the Spring Inversion of Control (IOC) container to provideSpring Framework.
* Responsible for designing XML, XSD, XSLTusingAltova XML tool**.**
* Involved in parsing the XML data files, using SAX, DOM parsers for data validation
* Experienced in using Agile Java methodology for developing the application and actively participated in daily scrums and sprints.
* Developed Web servicesusing SOAP protocol for transferring data between different applications.
* Hibernate 3.0 was used to develop persistence layer. Custom DAOs were developed to retrieve the records from ORACLE 10g database.
* Wrote many .hbm.xml files to map POJOs to various views in the Database and configured hbm-config.xml to satisfy various business requirements of the application.
* Involved in writing JUnit Test Cases and Ant Build Script.
* SVN version control system has been used to check-in and check-out the developed artifacts.

**Environment: Java/J2EE, JSP, JSTL, Java Script, XML**, HTML, **Struts** framework, **Sun Solaris, WebLogic Application Server 10.0**, AJAX, **BEEHIVE, JMS**, IoC, DI, XSD, XSTL, SAX, DOM, JRules. **Web Services, SOAP, Hibernate, Oracle**, SVN, JUnit, Ant.

**Intelligroup July 2006- August 2007**

**Location**: Hyderabad

**Project Name**: Payroll and Time Sheet Management System

**Description**: Intelligroup is a leading IT services, solutions and consulting corporation to provide systems integration and custom software development services. Payroll and time sheet management system was developed to maintain consistent record of data in both payroll and human resource management. It will serve as the raw data for the HR and project managers to estimate the cost and to keep track of the team performance.

**Achievement**: Successfully developed, tested and deployed the payroll and time sheet management system.

**Responsibilities:**

* Developed many back-end application modules using J2EE patterns and Java Beans for business logic using WebLogic and Struts.
* Developed parts of User Interface using Core Java, HTML/JSPand client –side Validations using JavaScript**.**
* Developed JSP pages using Struts Custom Tag Libraries such as HTML tags, Bean Tags, Logic Tags and Template Tags.
* Developed Struts Action and Action Form Java classes as needed, added information to the struts-config.xml configuration file to fit a given page into the flow of the application.
* Developed the presentation layer using Struts Framework with JSP/JSTL.
* Responsible for coding all the JSP, Servlets, Struts used for the Ordering and Payments Module.
* Developed the JSP, Servlets and various Beans using WebLogic server.
* Designed properties file that has been used by many services and written code to read this properties file.
* Experience in installing, configuring and deploying application on WebLogic Server.
* Developed the server side validation using JMS, JSP and Java Beans.
* Involved in the Database design and development. Created SQL scripts and stored procedures for efficient data access.
* Involved in the system integration and user acceptance tests.

**Environment**: **Java/J2EE, JSP, JSTL, Java Script, XML, HTML,JSF, Java Beans, Hibernate**, Bean Tags, **Struts** framework, **Servlets, WebLogic Server**, Ant, JMS, **SQL, LINUX**, PostgreSQL.

References Furnished on Request