**Vijay Sankar Bellana**

**SUMMARY**

* + 11 years of IT experience in Analysis, Architecture, Technical Design, Development, Implementation, Maintenance and support of Web-based, Client Server and System level applications using **Java/J2EE**Object Oriented Design and Methodologies.
  + Experience in creating technical architecture and preparing technical design documents.
  + Extensive experience in **Spring, Hibernate, SOAP** and **REST Web Services, Struts, Groovy and Grails, EJB, Servlets, JSP, Java Script, XML.**
  + Well versed with **core Java** concepts like collections, multithreading, serialization, Synchronization, Data Structures, Exception Handling, Streams & File I/O ,Java beans and Polymorphism
  + Strong database development experience with **Oracle, MySQL, SQL Server** in creating database objects like Stored Procedures, Functions, Views, Cursors and Triggers.
  + Experience in developing user interface using the frameworks **Angular JS, Node JS, GWT and JSF**
  + Strong work experience in application integration using Web Services such as **JAX RPC, JAXB, JAX-WS, SOAP, WSDL, JAX-RS, Restful** with data transmit object formats **XML** and **JSON**
  + Experience in development of **portlets** using **Liferay Portal**
  + Worked with **JSR-168/ JSR- 286** portlet complaints for inter portlet communication in Liferay
  + Experience in writing test cases in Java environment using **Junit**
  + Experience in developing mobile application by using **Node JS** and **Dust framework**.
  + Worked in **Service Oriented Architecture (SOA)** design.
  + Experience in implementing **Agile** and **WaterfallSDLC** methodologies.
  + Extensively experienced in architectural issues and their solutions using Object Oriented Techniques, MVC architectural pattern and various **J2EE Design Patterns**.
  + Experience in creating build scripts using **Ant, Maven** and **Gradle**
  + Experience in creating technical design documents, unit testing and code reviews.
  + Experience in working various domains like Healthcare, Insurance, Automobile and Retail.
  + Ability to estimate efforts, resources and recognizing the priorities, lead and motivate the team.
  + Strong analytical, debugging, problem solving skills, excellent communication &presentation skills.

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| **TECHNICAL SKILLS** |  |  |
| **Web Technologies** | **:** | SOAP and Restful Web Services, Groovy, HTML, JSP, JavaScript, Jasper, AJAX, jQuery, Angular JS, Node JS, CSS, XML, XSLT, JSON, SAX, DOM, iText |
| **J2EE Technologies** | **:** | Servlets, JSP, EJB 3.0, JDBC, JSF, JMS, JNDI, RMI, Portlets, Log4J |
| **Databases** | **:** | Oracle 11g/10g/9i/, SQL Server, MySQL 5.7, DB2 |
| **Frameworks** | **:** | Struts 2, Spring 4.1.x, Grails 2.5 |
| **ORM Tools**  **Web Portal** | **:**  **:** | Hibernate 4.2, JPA  Liferay Portal 5.2 |
| **Web Servers** | **:** | Weblogic 11g, Tomcat 7.x, JBoss AS 7.x |
| **IDE Tools** | **:** | IntelliJ, Eclipse, My Eclipse, NetBeans |
| **Testing Tools** | **:** | JUnit 4.4, JMeter 2.3 |
| **Build Tools** | **:** | ANT 1.6, Maven 2.1, Gradle 2.0 |
| **Version Control**  **Methologies** | **:**  **:** | Subversion, CVS, GIT  UML, Waterfall model, Agile. |
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**EDUCATIONAL QUALIFICATION**

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| Bachelor of Engineering in Computer Science and Engineering  from Jawaharlal Nehru Technological University (JNTU) | 2000-2004 |
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**PROJECTS SUMMARY**

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| 1 | Project | : | **eBilling** | Duration | : | May-11 to Till Date |
| Client | : | Benefitfocus, SC, USA | Role | : | Technical Lead |

**Description :**

eBilling enables clients to view, adjust and pay invoices electronically and consolidates invoices from multiple lines of business and insurance carriers so that clients receive only one bill. When clients need to pay their bills, eBilling offers a variety of options, including scheduled one-time and/or recurring payments. Insurance carriers can define which options are permitted by line of business or on a group-by-group basis. Insurance carriers can also use eBilling to capture binder payments immediately or hold them until the sale is complete.

**Responsibilities :**

* Analyzing the requirements, creating detailed architecture and technical design documents.
* Working closely with engineers to implement software design.
* Coordinating with offshore developers and testers to make progress in the development and testing of the application.
* Used **OO techniques** such as **UML** methodology (use cases, sequence diagrams and activity diagrams) and developed class diagrams that depict the code’s design and its compliance with the functional requirements.
* Developed the web tier using **Struts** and **Spring MVC**frameworks.
* Developing business logic by using spring beans and integrating **Hibernate** using**spring DAO**.
* Developing web services using**Rest** and **JAX-RS**that calls the spring services and testing the web services.
* Designing, developing and deploying the mobile applications using **Node JS** and **Dust framework**.
* Creating user interface using **Groovy Server Pages**.
* Developing back-end services using **Groovy** and running in **Grails** web application.
* Using**J2EE design patterns** like Singleton, Factory Pattern, Facade pattern, builder pattern and Model View Controller extensively.
* Using**AngularJS** as the development framework to build a single-page application
* Developing various Packages, Procedures, Functions, Triggers, Views in oracle database as desired by the business needs.
* Developed and scheduled jobs using **quartz**scheduler framework.
* Performing Data Transformations using **XSLT**to render the data into user interface.
* Using **Jasper** to create reports in PDF, CSV and HTML formats.
* Reviewing the code posted in review board by team members.
* Doing **performance tuning** of SQL queries and improving the performance.
* Used **Log4j** for logging and debugging.
* Working on bug fixing and enhancements on change requests.
* Working with Connected Systems team for importing and exporting the files from/to insurance carriers and banks.

**Technologies :**

Struts 1.3, Spring 2.5, Restful Web Services, JSP, Angular JS, Node JS, XSLT, XML, Hibernate 3, Groovy and Grails, Jasper, JMS, Oracle 11g, Weblogic 11g, Subversion, Git, Ant, Maven

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| 2 | Project | : | **Izmo Indy** | Duration | : | Jun-10 to Feb-11 |
| Client | : | Izmo Cars, CA, USA | Role | : | Senior Software Engineer |

**Description :**

Izmo Indy is an operating platform for developing dealer based websites for Automotive market. Automotive dealers can manage all of their web and IT applications from this platform using a single login and a single data repository. This platform contains two applications, Studio and Front-End. With Studio application, dealers can create captivating visual experiences- in Websites, Online Galleries, Brochures, Advertisements, Billboards, Posters, Mailers, And more. Front-End application generates visual websites, which can be viewed by automobile users. Front-End provides the information about vehicle inventory, viewing images and videos of the vehicle, requesting for more information about the vehicles, generating leads, ordering vehicle parts and posting user feedback.

**Responsibilities :**

* Analyzed the requirements and written Technical Design documents.
* Used **OO techniques** such as **UML** methodology (use cases, sequence diagrams and activity diagrams) and developed class diagrams that depict the code’s design and its compliance with the functional requirements.
* Designed UI by using **JSP, JSTL, jQuery** and **AJAX**
* Performed Data Transformations using **XSLT** to render the data into user interface.
* Developed web module by using **spring** framework.
* Developed **JSR 168 / 286** compliant **portlets** for different functionalities using **Liferay portal**.
* Wrote business login using spring beans and DAO classes.
* Extensively used **Hibernate** concepts such as inheritance, lazy loading, dirty bit checking, optimistic locking, and transactions.
* Used **J2EE design patterns** like Singleton, Factory Pattern, Facade pattern, builder pattern and Model View Controller extensively.
* Wrote **SQL** and **HQL** queries. Developed Packages, Procedures, Functions in MySQL.
* Used **Jasper** to create reports in PDF, CSV and HTML formats.
* Performed unit testing by using **Junit**.
* Used **Log4j** for logging and debugging.
* Performed code reviews and **performance tuning** of SQL queries.
* Worked on fixing the bugs and enhancements on change requests.
* Deploying the application to QA servers

**Technologies :**

JSP, jQuery, AJAX, XSLT, XML, Spring, Hibernate, LiferayPortlets, Jasper reports, MySQL 5.0, Tomcat 6.0, Subversion, Maven, JMeter

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| 3 | Project | : | **JHIS** | Duration | : | May-09 to June-10 |
| Client | : | LifeSpring, Hyderabad | Role | : | Software Engineer |

**Description :**

JHIS is a complete Health care Information System, and having 10 modules. Those are Inpatient, OutPatient, Doctor Consultation, Maternity, Laboratory, Radiology, Operation Theatre, Pharmacy, Security, Billing. The system is designed modularly enabling users plan implementation in phases. JHIS provides single patient viewer for patient medical records and financial details, and supports international standards in documentation of diseases, procedures, data exchanges, images.

**Responsibilities :**

* Analyzing the requirements.
* Designing the User Interface using **GWT**
* Integrating GWT with servlets.
* Developed business logic using **EJB**.
* Wrote object relational mapping with database using **JPA**
* Developed **JSR 168 / 286** compliant **portlets** for different functionalities using **Liferay portal**
* Developed various Packages, Procedures, Functions, Triggers, Views in MySQL database as desired by the business needs.
* Implemented **SOA** based web services, designed and built **SOAP web service** interface using **JAX-WS**
* Used **J2EE design patterns** like Singleton, Factory Pattern and Model View Controller extensively.
* Wrote unit test methods with **Junit**.
* Used **Log4j** for logging and debugging.
* Working on bug fixing and enhancements on change requests.
* Deploying the application to QA servers

**Technologies :**

GWT 1.5.3, Servlets, EJB 3.0, SOAP web services,LiferayPortlets, XML, JPA, JNDI, JMS, Glassfish, MySQL 5.0

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| 4 | Project | : | **Jeeva Telemedicine** | Duration | : | Mar-08 to April-09 |
| Client | : | KFH, South Africa | Role | : | Software Engineer |

**Description :**

JEEVA Telemedicine aims for the treatment to the people in rural and remote areas. JEEVA Telemedicine brings a specialist located hundreds of miles away, into the actual examination room to look at the patient via a live interactive system. The data can be transmitted by any mode of telecommunication ranging from VSAT, ISDN lines, leased circuits to ordinary telephone lines. JEEVA Telemedicine enables easy transfer of patient's medical data in electronic format for diagnosis and treatment. It is the perfect vehicle for e learning, CME and peer review. The EMR created for patients in the application, can be integrated with other HIS applications to ensure seem less processes.

**Responsibilties :**

* Involved in designing of pages using **JSP, JavaScript, jQuery, HTML and CSS**
* Wrote **Ajax** methods to make asynchronous requests to the server.
* Wrote business logic in DAO classes and integrated DAOs with **servlets**.
* Used **Jasper** to create reports in PDF, CSV and HTML formats.
* Wrote the Stored Procedures, Views in Oracle as per business needs.
* Writing test scenarios and unit test the features using **Junit**
* Involved in bug fixing.

**Technologies :**

JSP, JavaScript, AJAX, jQuery, JSF, HTML, CSS, Servlets, Jasper Reports, Oracle 10g and Tomcat 5.5

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| 5 | Project | : | **Sales Monitoring System** | Duration | : | Nov-06 to Feb-08 |
| Client | : | Hi-tech Bizz Systems, Hyderabad | Role | : | Software Engineer |

**Description :**

The project "Sales monitoring system of HitechBizz” is aims to computerize the sales monitoring system of the Organization. The main objective is giving the detailed information about products choose, like validity of the products/services, warranty information, value component wise, invoice information, payment details. It will also have the facility to add new products and delete non available products .This can be done only the top-level management. This system will have the information about the users and customers’ details and ordered product details.

**Responsibilities :**

* Involved in designing of pages using JSP, Struts tags, JavaScript and CSS
* Wrote struts actions and code in servlets to implement business logic.
* Wrote the SQL queries in JDBC.
* Involved in bug fixing.
* Made daily deployments on QA server.

**Technologies :**

Struts 1.3, Servlets 2.4, JSP 2.0, JDBC, SQL Server 2005, Weblogic 8.1.

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| 6 | Project | : | **Self Service Portal.** | Duration | : | Sept-05 to Oct-06 |
|  |  |  | Role | : | Software Engineer |

**Description :**

Self Service Portal is a collection of independent portlets based on JSR-168 API. By this project we are giving chance to access the internet through special cable which has undertaken by Administrator. Through this service the employee will access the limited services only which have been given by the Administrator.These portals provides various kinds of services like cricket scores, jokes, stock market, music album releases etc. In the other side there is also other set of portals which provides various kinds of services like Employee Location, Task, Calendar, Holidays Schedule Internal web news portals. These portals can be plugged into a portal server.

**Responsibilities :**

* Involved in Designing pages using JSP.
* Involved in writing Code in struts and portlets.
* Writing SQL queries using JDBC
* Writing test scenarios and Unit tested the written code.
* Involved in fixing the bugs.

**Technologies :**

Struts 1.3, Servlets 2.4, Portlets, JSP 2.0, HTML, SQL Server 2005, Tomcat 5.0