**Jayapal Kasarla**

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### EXPERIENCE SUMMARY

* Over 9 years of experience in analysis, design, development and documentation of software applications using web technologies, multi-tier service-oriented architecture by using **Spring, Hibernate, Struts, Design Patterns, Java ,J2EE**,**Angular JS**and **Adobe Flex**technologies.
* Involved extensively in complete **SDLC** of object oriented software development including architecture, design document, coding, unit testing and bug fixing, deployment and production support.
* Strong in Object Oriented programming Concepts (**OOPs**),**MVC,SDLC**and various **Design Patterns.**
* Extensive programming experience in **Core Java, Servlets, JSP, JDBC,JNDI, Angular JS ,Struts and Spring framework in Spring MVC, Spring Web Services, Spring IOC, Spring AOP, Spring with JDBC, Spring with ORM and Parsley.**
* Hands on experience in Web Application Development using Client Script design technologies like **Angular JS, JQuery** as well as HTML, CSS, **XML**, Java Script.
* Strong hands-on experience in Core Java development using OOPs, Multithreading, Java Collections Framework, and Exception Handling
* Hands on Experience in **ApacheTomcat, BEA WebLogic, Jetty, JBoss, IBM WebSphere Servers**.
* Expertise in **XML** Technologies using **DOM and SAX API's, XSLT, XSD, XML Schemas,** web services like**Restful,REST,SOAP, WSDL, JAX-RPC,JAX-WS, JAXB, JAXP and MXML.**
* Hands on experience on the **Java5.0** features like **Boxing, Annotations, Enurms, Generics,HQL and Java Persistence API (JPA).**
* Expertise in different version control systems like **SVN and CVS.**
* Having good knowledge in **JSON, HDFS, Map Reduce and NOSQL.**
* Experienced in the**Healthcare ,Banking**,**Insurance**domains.
* Worked on different OS like **Windows NT, Windows XP, Windows 2K, UNIX and Linux.**
* Extensively experienced in Middle Tier Development using **Servlets and JSPs**.
* Hands on experience using Messaging Services like **JMS**.
* Proficient in **RDBMS** concepts and experience in working with MY SQL PL/SQL, SQL\* Plus, Procedures, Functions.
* Closely worked with Release Management Team in doing builds and deploying code into various environments like **DEV/QA/UAT/Prod**.
* Have excellent analytical, problem solving, communication and interpersonal skills, with ability to interact with individuals at all levels and can work as a part of a team as well as independently.

### PROFESSIONAL QUALIFICATION

* Bachelor of Technology in Information Technology

### SOFTWARE SKILLS

* Languages : C, Java1.4/1.5, J2EE4.0/5.0.
* J2ee Technologies :JDBC,Servlet, JSP,JSTL,RMI,JMS,JPA,JNDI.
* Servers : Tomcat, WebLogic, JBoss, Jetty,WebSphere.
* IDES : Eclipse3.x,IntelliJ, Adobe Flash Builder
* Web Technologies :HTML,MXML,JAVASCRIPT,CSS,XML,XSLT, Flex, SAX, DOM,SOAP,WSDL
* Process Automation Tools : Log4j, ANT, Junit, Maven.
* Scripting Languages : JavaScript, JSON, Action Script 3.0.
* Frameworks : Struts1.x, Spring, Parsley, Angular JS.
* ORM Frameworks : Hibernate.
* SOA : Web Services SOAP, RESTful
* Databases : Oracle, PL/SQL, HQL.
* Operating Systems : Windows 2k/2003/XP, Linux(Red Hat).

**Project Profile: MedIntelli**

**Client:** Sysintelli Inc., SanDiego, CADuration: Aug-13 to till.

**Role:** Sr. Java/J2EE Developer

**MedIntelli** Product is certified electronic health records for ambulatory practices. **MedIntelli** Electronic Health Record (**EHR**) solution makes it easy to transition from paper to electronic health records. We provide a complete Electronic Medical Records (**EMR**) solution that is easy to use with fully integrated Medical Practice Management and patient portal solution. Through the patient portal, patients can securely access their medical records, view test results, pay bills, and schedule appointments from anywhere, at any time via the Internet and create a HIPAA-compliant paperless environment.

**Patient Health Records (PHR):** Manages patients in this module. The patients have full access to their records from this portal. They can schedule/cancel an appointment, view lab records, alerts, medication, prescriptions’ from this module.

Front desk portal: The front desk portal manages different modules .In this module they can schedule an appointment; check the validation of insurance billing.

**Doctor portal:** This portal is integrated with different modules. The doctor can have the electronic medical records with HIPPA compliance. Doctor can get alert of history, allergies .

**Grouping and Matching:** With this you have the ability to maintain groups. This in turn eases the ability to match the regulations setup by HIPPA. You can create searchable groups and categorize applicants based on your requirements.

**Smart Communication:** Since communication is a key aspect of healthcare process, this system gives you the flexibility of communicating via email, phone, and fax. This piece is tightly integrated with the software and can be invoked and used from very minor use to critical pieces. You can set reminders, send group messages, can send smart responses etc.

**Compliance & Reporting:** You have lots of built in report types that can tell you everything you want to know about your patients, Customers and job order. You also have the ability to generate custom reports for any specific purposes. Compliance reports dramatically reduce time spent gathering regulatory information forgovernmentandother reporting requirements.

**Other System Integration:** Integration to others systems is very important to any new software system. With this we can integrate our system to variety of systems like Lab integrations, Electronic prescriptions.

**Responsibilities:**

* Requirement gathering, Designed and developed the application, liaising, directly with project managers and customers throughout the product development life cycle to analyze system/functional requirements and business processes and to ensure full alignment or each application with high level design specification.
* Bugzilla tickets were created and tasks were completed in the assigned time.
* Developed and executed software systems utilizing JavaScript
* Analyzed, debugged and resolved technical issues for application enhancement.
* Implemented integration of use case scenarios as per requirements.
* Active participation in all the phases of the development cycle via analysis, design, coding and testing.
* Working on spring configuration.
* Application implemented as a **Single-Page-Application (SPA**), angular.js clientthat utilized jQuery and JSON.
* Writing custom filters, directives, controller for the HTML using Angular code
* Created custom directives for re-usable components (multi-field form elements, file uploads, etc.).
* Leveraged angular resources for all data access, encapsulating URLs and standardizing data access interfaces.
* Made extensive use of promises for application control flow Using Angular JS and Spring Frameworks.
* Used SVN for code integration and configuration management of files.
* Provided Post Production Support and maintenance of developed application.
* Used Log4j to print the logging, debugging, warning, info on the server console.
* Used Spring DAO concept in order to interact with database (My Sql) using Hibernate Template
* Implemented web services for communicating by using RESTful
* Used SVN version controls to check in/out files, etc
* Lead the technical team and mentored other developers.
* Involved in the Configuration of Spring services in applicationContext.xml.
* Implemented the Hibernate Domain Model.

### Environment: Java1.6, J2EE, JSP 2.0 API, HTML, CSS, Spring3.0(Spring with Hibernate, Spring Core, Spring Web MVC, Spring AOP), SVN, Eclipse , JBoss server,XML,jQuery, JavaScript,Angular JS,MySQL data base, JMS, Hibernate, Web services RESTful,REST, Maven ,Bugzilla ,Log4j, Agile methodology, Linux (Red Hat).

**Project Profile: Disney Hotel Management**

**Client:**Disney -Orlando, FLDuration: Nov-11 to Aug-13.

**Role: Sr .**Java Developer

Developer in the project which deals with IT services of the Disney Website, like the Guest registration, user privileges, accommodation and hotel reservations of the Theme Park, fast pass access, Wrist Band allocation and others.

**Responsibilities**:

* Lead Java Developer, monitoring daily status, understanding the business requirements, providing expert knowledge and solutions to accomplish the deliverables in timely manner
* Involved in various Software Development Life Cycle (SDLC) phases of the project
* Implemented the application using Restful WebServices, Spring IOC, AOP, Hibernate, Oracle DB
* Used the Restful WebServices for all the business components (Services) to communicate with each other.
* Developed components of REST web services end to end, using different Annotations with clear understanding on PUT, GET, POST and DELETE operations
* Used Rest Client Tool extensively to test the WebServices with different possibilities of input parameters in the XML Request and analyzed the XML Responses
* Used Hibernate as Persistence framework mapping the ORM objects to table using Hibernate annotations.
* Extensively used Hibernate in data access layer to access and update information in the database
* Used Spring Framework for Dependency Injection and integrated it with Hibernate.
* Used Maven to build and Apache Tomcat to deploy the application
* Active participation in the deployment, release and post release support activities

**Environment**: Jdk 1.6, JSON, Spring 3.0, Hibernate 3, Restful WebServices, Oracle10g, SQL, UNIX, Maven, Apache Tomcat 7, Eclipse, SVN, Log4j, Bugzilla, XML.

**Project Profile: MyHealthCentric**

**Client:**Govt of Uttarakhand,IndiaDuration: JUN-10 to Nov-11.

**Role:** Java /Flex Developer

We provide a complete Patient Health Records (PHR) solution that is easy to use with fully integrated Medical Practice Management and patient portal solution. Through the patient portal, patients can securely access their medical records, view test results. Patient can check his records from anywhere whenever he wants. Tele Medicine used for Remote Patient verification.

There are three Modules like User ,Admin, Patient.

**Responsibilities:**

* Attended discussions with the client to discuss and understand various components of the requirement and to implement the same.
* Status report was provided to the manager regarding the progress of the task assigned at both the beginning/end of the working day. JIRA tickets were created and tasks were completed in the assigned time.
* Used UI such as Action Script for enhancing the user interaction with the application and for client side validation. Coding, Testing and implementing new functionalities for new requests in the Application.
* Developed GUI using Adobe Flex 4.5, MXML, Action Script 3.0and CSS
* Actively participated in the implementation, maintenance and testing phases plan generation using spring, Hibernate framework.
* Enhanced user interfaces to enable input of additional personal information for the purpose of plan generation using CSS, Action Script.
* Used SVN version controls to check in/out files, etc.
* Used data modeling for creating a data model by applying formal data modeling techniques.
* Experience in application servers like Tomcat locally and Web logic to host it on the Linux server using WinSCP and Putty.
* Involved in creating and extracting data from database using SQL Queries, PL/SQL Stored procedures.
* Extensively used log4j to log regular debug and exception statements.
* Performed code review and unit tested the application using Junit framework.
* Implemented Tele Medicine for checking Remote Patients.
* Services are running through Jetty server.
* Involved in the Configuration of Spring services in applicationContext.xml.
* Implemented the Hibernate Domain Model.

**Environment**: Java, J2EE, JSP , Servlet, HTML, CSS, Adobe Flex, Spring(IoC ,AOP,DAO ), Hibernate, Web Services SOAP, Eclipse, Adobe Flash Builder,Log4j,Parsley,Adobe Flex 4.5,Jetty,Tomcat server, WebLogic,WinSCP, Putty, Linux,XML, SVN,MXML, Action Script, Maven,JIRA ,Oracle, Agile methodology, JMS.

**Project Profile: Information Delivery Desktop (IDD)**

**Client:** City Bank, SingaporeDuration: Dec-2009 to May -10.

**Role:** Flex/Java Developer

**Description:**

IDD (**Information Delivery Desktop**) is a desktop which acts as a single point access for Client, its relationship details/Base, their portfolio and its drilldown summary, Maturing Deals & Corporate Actions updates. Client/Base/Portfolio Summary page lists the details & categorization of Portfolio Allocation (Cash, Equities, Fixed Income, Balanced Funds, Bonds, Liabilities etc.,) that they possess which can be further drilled down to view its transactional level. Maturing deals module is a tool for marketing team to perform Rollover Deposits, Pre-term, and Loans & Fiduciary Placements.

Corporate Action module is an integral element of Asset Servicing in the Securities Business which handles/processes various corporate action events with its shareholders. The letters (PDFs) generated in IDD are sent to the clients based on the availability of Standing Instruction. CA events are transmitted to from RSFS to IDD through batch. For Europe, all the above functionalities would be integrated into One Source and be available through One Single Login.

**Responsibilities:**

* Responsible for developing Flex UI components using Flex Builder 3.
* Responsible for development of MXML and Action Script files to meet the business requirements.
* Developed Action Script functions for event handling, response handling and error handling.
* Responsible for implementing chart Applications, States, Custom components, Custom events.
* Responsible for implementing HttpServices ,Web Services in flex
* Implementing Proto version Also
* Worked on Session Façade design pattern to access domain objects.
* Involved in building service and repository layers.
* Developed Graphical User Interfaces using MXML, Action Script for user interaction.
* Used ANT to build, run and create JARs and WAR files among other uses.
* Wrote test cases in JUnit for unit testing of classes.
* Used Eclipse 3.8 IDE for developing code modules in the development environment
* Implemented the logging mechanism using log4j framework
* Used CVS version controls to check in/out files, etc.
* Experience in application servers like Web logic to host it on local and the Linux server

**Environment**: Java, J2EE, JSP , Servlet, HTML, CSS, Adobe Flex 3.x,EJB, Web Services SOAP, Eclipse, Adobe Flex Builder,Log4j,WebLogic, Linux, XML, CVS,MXML, Action Script, JIRA ,Oracle,Linux.

**Project Profile: CCTReplacement**

**Client:** Synopsys, MountainView ,CADuration: JUNE-09 to OCT-09.

**Role:** Flex Consultant

**Description:**This “CCTReplacement” product has been developed for Synopsys. Synopsys provides a variety of services in Chip Designing. The CCT Replacement Project is replacement to old CCT project. It provides a centralized place where internal customers can track all service requests for IT functions and internal support within Synopsys.

The manager holds privilege of company, products. In this Product Self-service, LinknUnlink, Mass updates are Three Modules

**Responsibilities:**

* Developed the GUI of the system using MXML, Action Script and client-side validations was done using JavaScript.
* Responsible for developing Flex UI components using Flex Builder 3.
* Responsible for development of MXML and Action Script files to meet the business requirements.
* Responsible for implementing best design patterns from Cairngorm architecture to interact with backend J2EE and Web Services layer to pull out the data to Flex UI components.
* Worked on Data integrating with LCDS (Life cycle data Services).
* Developed Action Script functions for event handling, response handling and error handling.
* Responsible for implementing chart Applications, States, Custom components, Custom events.
* Responsible for implementing Http Services ,Web Services, Data management Services in flex.

**Environment: Java, SAP, HTML, CSS, Tomcat server, XML,CVS, Adobe Flex 3.x,Adobe Flex Builder, JIRA, LCDS.**

**Project Profile: Launch Pad**

**Client:**Calavista Austin –TX.Duration: June-08 to July-09.

**Role:**Sr.Java/J2EE Consultant

**Description:**This “Launch Pad” product has been developed for Calavista Texas. Launchpad Co working is a Unique Combination of workspace and café where mobile and independent workstations or in meeting rooms available for rent .Launch Pad Co working is an Optional environment for working independently or collaboratively and for meeting with teams or clients without having to deal with long-term leases, high overhead or cramped corporate offices.

The manager holds privilege of company, products. In this Product Reserve Space (RS), POS (Point Of Service), Manager are Three Modules.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Developed a prototype of the application and demonstrated to business users to verify the application functionality.
* Developed and implemented the MVC Architectural Pattern using Struts Framework including JSP, Servlets, Form Bean and Action classes.
* Implemented server side tasks using Servlets and XML.
* Developed page templates using Struts Tiles framework.
* Implemented Struts Validation Framework for Server side validation.
* Developed Jsp’s with Custom Tag Libraries for control of the business processes in the middle-tier and was involved in their integration.
* Implemented Struts Action classes using Struts controller component.
* Developed Web services (SOAP) to interact with other components.
* Database access was done using JDBC. Accessed stored procedures using JDBC.
* Used parsers like SAX and DOM for parsing xml documents and used XML transformations using XSLT.
* Created and deployed web pages using HTML, JSP, JavaScript and CSS.
* Written JUnit Test cases for perform unit testing.
* Used SVN as Version control.
* Implemented Java and J2EE Design patterns like Business Delegate and Data Transfer Object (DTO), Data Access Object ,Command, Singleton and Service Locator.
* Worked with QA team for testing and resolve defects.
* Used ANT automated build scripts to compile and package the application and implemented Log4j for the project.
* Written stored procedures, triggers, and cursors using Oracle PL and SQL.
* Extensively used log4j to log regular debug and exception statements.
* Used IntelliJ IDE for developing code modules in the development environment

**Environment:**Java, J2EE, JSP , Servlets, Struts 1.x,Bugzilla,HTML,CSS, JDBC, Oracle, SQL, Windows, WebSphere server, Web service, Agile methodology, ANT,SVN,JIRA,Log4J, IntelliJ**.**

**Project Profile: eDepo Service**

**Client:** ICAP - Jersey City, NJDuration: Sep-07 to July-08.

**Role:** Java/J2EEDeveloper

**Description:**This “eDepo” product has been developed for ICAP Jersey city , as an online investment user interface. The “eDepo” is ICAP s electronic service that allows customers to meet their short-term cash management. It provides the electronic banking platform, allow investors to make automated active investments into a wide variety of short-term products. The application has hierarchical user roles like client, sales person, trader and administrator. The administrator holds the privilege of company, accounts, products and user management.

Administrator is the user of the ICAP and the salesperson, trader come under non ICAP entities in a hierarchical manner. It is a completely modular system and provides a single platform for trading across financial products. It facilitates the Banks and its clients to provide online trading for various types of products like Time Deposits, Commercial Paper, Certificate of Deposits and Fed Funds.

**Responsibilities:**

* Designed and developed UI screens with Struts to provide interactive screens to display data.
* Developed and implemented client side with Java Script and server side validations with Struts Validation framework.
* Designed and developed presentation layers as well as business layer for the entire application.
* Database access was done using JDBC. Accessed stored procedures using JDBC.
* Created and deployed the project on Tomcat.
* Worked on bug fixing and enhancements on change requests.
* Written JUnit Test cases for perform unit testing.
* Extensively used log4j to log regular debug and exception statements.
* Used ANT automated build scripts to compile and package the application
* Created and deployed web pages using HTML, JSP, JavaScript and CSS.
* Used SVN as Version control.
* Involved in configuring the XML files like struts-config.XML, validation.XML
* Writing Action classes Using Command Design Pattern, configuration files.

**Environment:** Java, J2EE, JSP , Servlets, JDBC, Struts 1.X Bugzilla,HTML, Java Script ,CSS,My SQL, Windows, Tomcat,Log4J,WSDL,Web service, Junit, SVN.

**Project Profile: Enhancements for Insurance Company**

**Client:**Security Benefit Group, India. Duration: Jun-06 to Aug-2007.

**Role:** Java/J2EE Developer

**Description:** Our overall goal is to develop, implement, utilize and evaluate an Integrated Vaccine Management, Distribution, and Reporting System that will allow the Healthcare providers, NYSDOH and Local Health Department staff to assist and/or place orders for all vaccine products using a single-point of entry web application through NYS Health Commerce Network. This includes but is not limited to: Provider Registration, Vaccine Ordering, Allocation, Redistribution, Dose Administered, Order History Report for the providers and a variety of analytical reporting and data visualization tools.

**Responsibilities:**

* Modifying the existing JSP pages and Servlets
* Developed web tier by using Struts Framework, JSP and HTML
* Involved in Action class, Action forms, Action mappings, Struts Tag lib’s
* Validation framework is used for validation and tiles are used to reuse JSP’s.
* Modifying the existing queries
* Modifying existing Action Classes
* Extensively used Java Collection framework and Exception handling

**Environment:** Java, J2EE,Struts , JSP, Servlets, JDBC, HTML, CSS, JDBC, Java Script,Oracle, Windows, WebLogic server, WSDL,Web service,Log4J,Maven.