**Sandeep Email: pavusandy@gmail.com**

**Sr.Java Developer Cell:**

**Professional Summary**

* Accomplished senior software engineer having more than 5+ years of experience in implementing high performance, scalable desktop software and web applications.
* Implementation of J2EE Technologies in Health care, Insurance and Banking domains
* Strong understanding of all phases of software development life cycle with concentration on coding, design, development and implementation of various applications.
* Hands on experience in developing High Volume, Critical Enterprise wide systems using J2EE and Java Technologies.
* Experience with Object Oriented Design and Object Oriented Analysis, Complete System Life Cycle, UML and associated tools such as Rational Rose.
* Expertise in web development applications using Core Java, Servlets, JSP, EJBs (Session Bean, Entity Beans, JMS/MQ Series), JDBC, XML, XSD, XSLT, RMI, JNDI, Java Mail, XML Parsers (DOM and SAX), JAXP, JAXB, Java Beans etc.
* Proficient in building Web User Interface (UI) using HTML5, DHTML, table less XHTML, CSS3 and Java Script that follows W3C Web Standards and are browser compatible
* Strong expertise in designing and developing web pages using front end technologies such as HTML5, CSS3, JavaScript, JQuery, AngularJS, JSON and Bootstrap.
* Designed & developed the business components using Java 8, Java EE 7, RESTful API (JAX-RS) with REST Easy, spring, Hibernate, JPA, Servlets, JSP, JSTL, JavaBeans, Design Patterns, PL/SQL, XML, XSD, JSON technologies.
* Expertise in various open source frameworks and tools such as Jakarta Struts framework 1.3, Spring, Hibernate 3, Log4J 1.2.7 and Ant 1.6.7.
* Experienced in implementations of Service Oriented Architecture (SOA) using Java Web Services (SOAP, WSDL and UDDI)
* Proficient in using java development IDEs like Eclipse, GGTS, STS, My Eclipse, Net Beans and RAD.
* Implemented various J2EE Design patterns like Singleton, Service Locator, Business Delegate, DAO, Transfer Object, and SOA.
* Good Experience in implementing several object oriented design patterns such as Model View Controller (MVC) frameworks, Front Controller, Business Delegate, Session Facade, Service Locator, DAO, DTO, Singleton, Object Factory and Composite View.
* Expertise in implementing Service Oriented Architectures (SOA) using XML based Web Service such as SOAP, UDDI and WSDL.
* Extensive knowledge on Core Java technologies such as Multi-Threading, Exception Handling, Reflection, Collections, Singleton Objects, Java Internationalization, Swing components, Streams & File I/O.
* Strong in design and development of SOAP & Restful Web Services using WSDL, SOAP, JAX-WS, CXF, AXIS, JAX-RS, JERSEY and WS-Security.
* Experience in writing and executing unit test cases using JUnit Testing Framework
* Experience in Configuring and deploying applications on Apache Tomcat 4.x, Web Sphere Application Server and BEA Web Logic server.
* As a collaborative team member, converted many Tapestry based code to REST APIs and integrated i18N content in to the application.
* Extensive experience in SQL programming language in Oracle PL/SQL, TSL, and MySQL database environments. Developed Stored procedures, Triggers, views, complex join queries; Strong and in-depth knowledge of various relation database systems.
* Good working knowledge on SVN and GIT for code management and version control.
* Extensively used selenium web driver to test the web application and debugging individual test case.
* Experience as Software Engineer, with onsite and offshore teams, leading the development of Web applications using different application/web servers
* Excellent Client interaction skills and proven experience in working independently as well as in a team.
* Strongly initiative, creative and able to learn new technologies. Ability to deal with people, ability to grasp things fast, and willingness to work has always been my strengths.

**EDUCATIONALHISTORY**

B.sc Computers

**Technical skills**

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| --- | --- |
| **Web Technologies & APIs** | JSP, JSF, EJB, Servlets, Swing, CSS, Java Beans, MVC, JDBC, JMS, JNDI, HTML, DHTML, XML, XSLT |
| **Languages** | Java, C, C++, Perl, JavaScript, SAS, SQL, PL/SQL |
| **RDBMS** | Oracle 9i, DB2, MySQL |
| **IDE** | WSAD, Eclipse, JBuilder, Visual Age |
| **Open Source Tools** | Ant, Struts, JSTL, Tiles, Spring, Hibernate |
| **Operating Systems** | DOS, Windows NT/2000/XP, Unix, Solaris, Linux |
| **Web/App Servers** | WebLogic 8.1, WebSphere 5.1.2, Apache Axis 1.0, Tomcat JBOSS |
| **Graphic Tools** | Dreamweaver, Macromedia Flash |
| **Middleware** | RMI, JMS |
| **OOAD / VC** | UML, RUP, Clearcase, Clearquest |

**Work Experience**

**Sr. Java Developer**

**CISCO Halifax, NS**

**Aug 2015 to Present**

**Description:** The iPortal is termed as an internal portal application used by Cisco and its customers, partners for Customer Management, Order Management, Finance Management and Productivity Management. The iPortal provides the business activity monitoring for Cisco internal teams like Customer Advocacy, Sales and Finance through a single composite portal application, integrated with multiple systems viz., BRM (Remedy), WebEx (Baby Bear, Buy-Online, Quad), and R12 systems etc. Uses SOA for integrating with enterprise systems and provide full visibility of customers, partners and enable relationship management (CRM) . The iPortal is built on consumer and producer model (federated portlets development) using WSRP.

**Responsibilities:**

* Part of Agile team developing the application using Agile Methodology.
* Involved in requirement analysis, design, coding and implementation.
* Involved in designing and developing Buy-Online and Chargeback Automation modules.
* Designed and Developed portlets using JSR168/286
* Used Struts MVC pattern to maintain the Admin Portal.
* Involved in implementing export to excel functionality using Apache POI.
* Used Hibernate, object/relational-mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL schema.
* Published Rest services for resources such as store, user, trait, department and category to get the information from database.
* Used Spring framework features like IOC, MVC, AOP and Hibernate Template.
* Involved in developing business components and managed transactions using Spring declarative method.
* Designed the user interactive (UI) web pages using web technologies HTML, Java Script, AJAX, and JQuery.
* Followed Spring MVC pattern for the project with Servlets/JSP and JDBC
* Designed and Developed Web services using SOAP and REST API.
* Designed and implemented the Security Infrastructure using WebSphere (Single Sign-On, Authentication, and Authorization) and Web Server (Encryption and Authorization) Security.
* Used cucumber tool for creating test cases for the Business.
* Implemented DAO layer using Spring JDBC Template and Hibernate Template API.
* Involved in unit testing and system testing and also assisted QA people for preparing test scripts for the system testing.
* Implemented logging and security for the whole application using Log4j.
* Used SQL, PL/SQL in constructing views, indexes, stored procedures relational database models.
* Responsible for the successful execution of Project Planning and Deployment cycles.
* Worked on tools like JIRA for bug tracking.
* Used Sonar to maintain quality of source code.
* Provided end to end support for the system and involved in coding and testing.

**Environment**: Java, J2EE, Spring, Servlet, JDBC, , JavaScript, JQuery, SOA, Struts, JAX-RS, Eclipse, SOAP, services, Hibernate, XML, Maven, JIRA, Log4j, Sonar, Oracle, SVN, Encryption, Apache Tomcat, WebSphere Server.

**Java Developer**

**Lifetime Fitness - Mississauga, ON**

**Sep 2014 to Jul 2015**

**Description:**Business Incentive Software Program provides health care services to the workers and customer facility to do customer assessment and based on that customer gets benefits for their medical bills, I am involved in this project from the requirement gathering analysis phase, DB creation and business meetings.

**Responsibilities:**

* Involved in complete SDLC life cycle - Designing, Coding, Testing, Debugging and Production Support for over 4+ projects.
* Worked closely with Business Analysts in understanding the technical requirements of each project and prepared the use cases for different functionalities and designs.
* Work in close collaboration with internal customers and teams to develop strategies that address product content and overall user experience design for Catalyst's clients.
* Implemented Micro Services SOA and OAuth Server with SAML IDP Authentication
* Developed new features to meet the specifications as set out by lead developer.
* Implemented Different Design patterns like singleton, factory and J2EE design patterns like Business delegate, session façade, Value object and DAO design patterns.
* Used the JavaScript dynamic functionalities for different UI components and handled the exceptions.
* Worked on JavaScript framework (Backbone, Node JS) to augment browser based applications with MVC capability.
* Involved in Optimizing and Performance Tuning on targets/sources/ dataflow.
* Developed single page application with Angular JS.
* Created unit and integration based tests for TDD approach and automated continuous integration and deployment. Implemented test coverage requirements.
* Used GIT as version control and Configure Web server be able to serve WML pages. Used Log4j for logging errors, messages and performance logs.
* Worked with source version control tool GIT to manage the code repository.
* Involved in the Hibernate HQL query conversion to SQL using the SQL developer tool within the core client application.
* Used Hibernate as ORM tool and defined the mapping and relationship of each table in database.
* Used Maven as Build Tool.
* Implemented Executor Framework from multithreading to achieve better performance.
* Implemented business objects and business logic of the application different modules of wholesale (Java)
* Worked with key stake holders to meet requirements and drive results with extensive usage of HTML4/5, CSS2/3, AJAX, Backbone.js, Angular.js and jQuery.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using HTML5, CSS3, JQUERY, JavaScript, jQuery
* Work with Node.js use to multiple threads for file and network events
* Responsible for coding SQL Statements and Stored procedures for back end communication using JDBC.
* Designed and implemented a number of support tools using WEB API, JavaScript.
* Developed reporting and web service client applications using SOAP.
* Developed Unit, Integration and Performance Test Cases using Power Mock, Mockito, Junit.
* Involved in test-cases using JUnit, debugging implementation and deployment activities.
* Responsible for checking cross browser compatibility and hence worked on different browsers like safari, internet explorer, Firefox and Google chrome.
* Involved in resolving many critical Production Issues while solving them in time. Also provided Level 1 support for production (online) issues.

**Environment:**HTML4/5, CSS2/3, Dojo, JQUERY, REST/SOAP Web Services, WEB API, OAUTH, Backbone JS, GIT, Maven, Angular JS, Node, backbone, JavaScript, Java, Spring, JUnit, Mockito, SQL Server 2005

**Java/J2EE Developer**

**PNC BANK - Toronto, ON**

**Feb 2013 to Aug 2014**

**Project: Syndicate Loans**

**Description:**Non Contract Servicing Changes application is service portal based application which manages all key aspects related to mortgage loan. Servicer is one of the main actors of all processes. All processes manage Loan Portfolio Transfers, Scheduled Loan Term Changes and Unscheduled Loan Term Changes. NCSC is to manage all the functions related to loan and security portfolio through the service portal.

**Responsibilities:**

* Estimation of work based on Agile methodology.
* Integrated three different vendors to a common platform using AJAX and implemented AJAX for server side validations, auto loading of data and to improve performance.
* Assist external developers with API integrations and ensuring adherence to RESTful standards
* Used Apache's Jakarta STRUTS 1.1 as MVC framework for designing of the complete Web tier.
* Handled development and deployment of Session Beans (EJB) for each module to their respective instance of app server.
* Generated Class Diagrams, Sequence Diagrams with Microsoft Visio and RAD.
* Designed patterns implemented such as Singleton, Front Controller, Factory pattern, Data Access Object.
* Involved in writing and consuming Web Services using SOAP, WSDL, deployment, configuration and testing.
* Used Spring Framework for Dependency Injection and integrated with Struts Framework and Hibernate.
* Implemented logging mechanism using log4j.
* Used JavaScript, jQuery for user interactions in pages
* Wrote SQL, PL/SQL and stored procedures as part of database interaction.
* Extensively used Hibernate for Object relational Mapping for data persistence.
* Unit testing, bug fixing in multiple environments (DEV/INT/CERT/PROD) and reproduce bugs for fixing and code review of individual modules in the application.
* Developed the Ant scripts for preparing WAR files used to deploy J2EE components on Application server.
* Release management and support. Participate in User Acceptance Testing during each Agile Cycle.
* Ensure that coding standards are maintained throughout the development process by all developers.
* Review proposed test cases with technical analysts, business analysts, developers and documentation staff to ensure understanding of system requirements from a QA perspective in order to achieve a high level of quality throughout this project.

**Environment:**Java, JSP 2.0 Spring MVC, Servlets 2.4, EJB, Struts, JavaScript, AJAX, Hibernate2.0, Web Services, WSDL, JavaBeans, JQuery, WebSphere Application Server 6.0, Rational Application Developer (RAD 7.0), Oracle 10g, Spring2.5, SQL Developer, IBM-Clear Case

**Java Developer**

**Desjardins - Montreal, QC**

**Jul 2011 to Jan 2013**

**Project: Enhanced Commercial Line Policy System**

**Description:** Liberty mutual is a market leader in key insurance and investment product lines. Liberty Mutual continually seeks to better serve its customers by leveraging ongoing product innovation, knowledge and experience, a strong brand, a broad and powerful distribution system. The project deals with building up of a new web-site for Liberty Mutual Agents to assist Liberty Mutual customers. This web-site is used by Underwriters as well. Agents were given access to view their corresponding policy related documents

**Responsibilities:**

* Involved in modifying, updating and testing of the component.
* Involved in group meeting with teammates and made substantial changes to the architecture to improve performance of the Application.
* Modified JSPs, used struts tag libraries and Java Server Pages Standard Tag Library (JSTL).
* Maintained Struts architecture throughout the application.
* Developed the bean classes for better data exchange between the MVC layers
* Successfully differentiated presentation from code.
* Used multi threading and socket programming.
* Deployed the application on WebLogic, Application Server.
* Created connection pools and data sources.
* Modified JavaScript to read client side activities (events) and data and event validations.
* Used WinCVS as version Control system.
* Suggested ER models and changes in the table structures
* Modified SQL, PL/SQL procedures and triggers to obtain optimize output.
* Involved in separation of components and deploying in different servers and balancing the load among each Server.
* Solved performance issues and brought optimal output from the available resources.

**Environment:**Java, J2EE, Sybase, BEA WebLogic Server, JSTL, SQL Server, Struts Frame work, Servlets, JSP, EJB, WinCVS, JavaBeans, Eclipse, UML, Windows XP/Linux.