**PavanBandi**

**Sr. Java Full Stack Developer**

**Email:** [**bandijavadeveloper@gmail.com**](mailto:bandijavadeveloper@gmail.com)

**Phone: +1(201) 335-2366**



**PROFESSIONAL SUMMARY:**

* Highly motivated software professional with around**8 years** of experience in Design, Development, Testing and Implementation of various desktop and web based applications using **JAVA, J2EE** technologies.
* Experience in all phases of **Software Development Life Cycle (SDLC)**, which includes User Interaction, Business Analysis/Modeling, Design/Architecture, Development, Implementation, Integration, Documentation, Testing, and Development with various methodologies like **Agile, Scrum, Waterfall** and **Increment models**.
* Proficient in programming by using the IDE tools like **My Eclipse, Eclipse, RAD, STS (Spring Tools Suite)** and **Net Beans**.
* Proficient in implementing **Model-View-Controller (MVC)** Architecture for enterprise applications using **Spring, Struts, Hibernate, iBatis, JPA, JSF, EJB and JMS frameworks**.
* Strong working experience on**Hibernate**. Used **Hibernate Connection Pooling, HQL**,**Hibernate Caching, Transactions**.
* Expertise in designing and developing **Multi-Tier** web applications using **JAVA/J2EE** technologies **JSP, Servlet, JavaScript, JNDI, JSF, Ajax, JQuery, EJB, JDBC, JUnit, Web Services**.
* Proficient in developing front-end applications using **HTML5, CSS3, JavaScript, JQuery, AngularJS, Angular Material, NodeJS, BackboneJS** and **MVC frameworks**.
* Responsible for checking **cross browser compatibility** and hence worked on different browsers like Safari, Internet Explorer, Mozilla Firefox and Google Chrome.
* Strong knowledge on **Document Object Model** and **DOM** functions.
* Experience in designing and developing **Single Page Web Applications (SPA)** using **ExpressJS, AngularJS and NodeJS** with other UI technologies/libraries such as **JQuery, Bootstrap** and **HTML**.
* Experience in working testing tools like **Firebug**, **Chrome or Safari Web Inspectors** and **IE Developer Toolbar**.
* Experience in creating Web Services using **RESTful, SOAP, JAX-RPC, JAXB, JAX-WS, JAX-RS, UDDI, WSDL** and messaging standards like **JMS**.
* Experience in writing **RESTful** services using **Express JS** middleware on **Node JS**.
* Experience in the functional usage and deployment of applications in **JBOSS, WebLogic, WebSphere, and Apache Tomcat Server**.
* Experiencein XML technologies like **XML, DTD, XSL, XSLT, XPATH, JAXB, JAXP** and **SAX**.
* Experience with design patterns like**Singleton**, **Factory**, **Factory, Session Façade, Business Delegate, Data Access Object (DAO), and Data Transfer Object**.
* Experience in Database Design, Creation and management of Schemas, writing Stored Procedures, Functions, Triggers, DDL and DML SQL queries using relational databases like **Oracle 10g/11g/12c**, **DB2**, **MySQL** and **SQL Server**.
* Experience in server side business logic development using **Session**, **Entity** and **Message Driven Beans (MDB)**.
* Strong knowledge on **Unix Commands**, **Shell Scripting**, **SQL**, **PL/SQL** and Cystal Report.
* Developed and used **Ant** and **Maven** for compiling and building the applications.
* Hands on experience with source control tools like **CVS, Clear Case, SVN** and **Git**.
* Knowledge on tools like **Jenkins** and **JIRA**.
* Experience in implementation of Persistence Framework like **JPA** and **Hibernate ORM (Object Relational Mapping)** in a typical n-type architecture.
* Experience in **OOAD Technologies**, developing **Use Cases, Integration Diagrams (Sequence, Class and Collaboration Diagrams)**, Packages and Classes using **Rational Rose** and **Visio**.
* Experience in **Unit Testing** the applications using **JUnit** Framework and developed logging and standard mechanism based on **Log4J**.
* Experience in **Amazon Web Services** in migrating java applications to the cloud using **EC2, S3** and **RDS**.
* Excellent analytical and communication skills in order to work with mid-sized teams, technical and business leadership.
* Self-motivated and ability to handle multiple priorities with excellent time management skills and ability to work effectively both as an individual and as part of a team.

**TECHNICAL EXPERTISE:**

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| Java/J2EE Technologies | Servlets, JSP, JSTL, JDBC, JMS, JPA, JNDI, RMI, EJB and MDB. |
| Programming Languages | Java, JavaScript, C, SQL and PL/SQL. |
| Web Technologies | HTML5, CSS3, JavaScript, Ajax, JQuery, AngularJS, NodeJS, BootstrapJS, JSON, DHTML, XHTML and XML. |
| Frameworks | Struts, Spring (CORE, MVC, JDBC, Security, AOP, DAO, Batch, Boot), Hibernate 3.x and JSF. |
| Web Services | REST, SOAP, WSDL, UDDI, AWS, JAX-B, JAX-RS, JAX-RPC, JAX-P and JAX-WS. |
| Application/Web Servers | WebLogic, WebSphere, Apache Tomcat and JBOSS. |
| IDE’s | Net Beans, Eclipse and RAD. |
| Databases | Oracle, DB2, MySQL, SQL Server, NoSQL and MongoDB. |
| Operating Systems | Windows, Unix/Linux. |
| Modeling Tools | UML, Rational Rose and Visio. |
| Methodologies | Agile, Scrum, OOAD, Waterfall and SDLC. |
| Testing Tools | JUnit. |
| Version Control | CVS, SVN, GIT and Rational Clear Case. |
| Build Tools | ANT, Maven. |

**PROFESSIONAL EXPERIENCE:**

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| **Client** | **Sullivan Cotter & Associates Inc** |
| **Duration** | **January 2015 to Till Date** |
| **Location** | **Minneapolis,MN** |
| **Role** | **Full Stack Java Developer** |

**Responsibilities**:

* Design and development applications using **Rational Unified Process (RUP), UML** and **OOAD** and created Use Cases, Class Diagrams, Sequence Diagrams using **Rational Rose**.
* Designed and developed web-based software using Spring MVC Framework and Spring Web Flow.
* Wrote **Hibernate configuration file**, **Hibernatemapping files** and define persistence classes to persist the data into **Oracle Database**.
* Developed **JSP, HTML, CSS** and a part of presentation layer using **JavaScript, Angular JS** and **Node JS**.
* Experience of **Web 2.0, JavaScript, JQuery** and **W3C** Standards.
* Experience of UI template using **HandleBar.js** and **Angular.js**.
* Handled client side validations, slide show, hide and show controls, dropdown menus and tab navigation using **JQuery**.
* Used **Java Message Service** for reliable asynchronous exchange of important information such as loan status report between the clients and the bank.
* Implemented the web services client to consume the third party service API for validating credit cards.
* Written service calls to communicate with **Mule ESB**.
* Created endpoint and consumed **Restful** web services suing **Mule ESB**.
* Implemented Collections Framework for fetching and appending string from the deployed UI.
* Developed UI using **HTML5, CSS3, JSP, JavaScript, Angular JS** and **Bootstrap**.
* Used **Ajax** to provide and advanced user experience.
* Developed **Ant Scripts** and developed builds using **Apache Ant**.
* Written and debugged the **Ant Script** for building the entire web application.
* Implemented business logic in middle tier using pluggable components, which were specified in the customized xml documents using **Spring Framework**.
* Used Web Services for transmission of large blocks of **XML** data over **HTML**.
* Developed UI automation for **node.js/angular.js/Ext.j**s based web applications using **Selenium Web Driver** developed in **node.js/JavaScript**.
* Mapped java classes with database using Hibernate and in Hibernate Query Language (HQL).
* Implemented **Restful** Web Services using **Spring Boot**.
* Used Tomcat Server for the application development and deployment.
* Used **MQ, HTTP** and email to send the notifications messages to administrators.
* Implemented business logic in Middle Tier using pluggable components, which were specified in the customized xml documents using **Spring Framework**.
* Wrote Restful Web Services to communicate with **MongoDB**.
* Performed CRUD operations on **MongoDB** using **Restful** Web Services.
* Configured and Integrated **JSF, Spring** and **Hibernate** Frameworks.
* Developed web services in java and experienced with **REST, WSDL**.
* Configured local **Maven** repositories and multi-component Ant projects and scheduled projects in **Jenkins** for continuous integration.
* Wrote **Ant Script** to automate the build and deploy process.
* Implemented **REST** based web service using **Apache Axis**.
* Used **Spring MVC**Transaction Management, **Spring/Hibernate** Batch Transactions and Hibernate cache concepts.
* Designed and documented **REST/HTTP API’s** including **JSON** data formats and API versioning strategy.
* Implemented **Test Driven Development (TDD)** for developing and testing the application.
* Wrote complex **SQL** queries using hibernate’s native SQL.
* Used **JUnit** framework for Unit testing the application.
* Involved in bug fixes and product support.
* Used **Java Message Service (JMS)** for reliable and asynchronous exchange of important information such as loan status report between the clients and the bank.
* Reviewed and worked on the implementation of change request raised by the client.
* Involved in complete **Agile/SDLC** Requirement Analysis, Development, System and Integration testing.
* Used **Log4J** to capture the log that includes runtime exceptions.
* Used **SVN** and **GitHub** for software configuration management and version control.
* Used Clear Case for source code maintenance.
* Created detailed **AWS Security Groups**, which behaved as virtual firewalls that controlled the traffic allowed reaching one or more **AWS EC2** instances.

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| **Client** | **Celgene Corp.** |
| **Duration** | **August 2013 to November 2014** |
| **Location** | **Summit, NJ** |
| **Role** | **Full Stack Java Developer** |

**Responsibilities:**

* Designed and developed web-based software using **Spring MVC** Framework and **Spring Web Flow**.
* Experienced in creative and effective front-end development **using JSP, JSTL, JQuery, Servlet, JavaScript, HTML5, DHTML, HTML5, XML, Bootstrap, Ajax and CSS3**.
* Used various **Core Java** concepts such as **Multithreading, Exception Handling, Collection APIs** to implement various features and enhancements.
* Implemented Collections Framework for fetching and appending strings from the deployed UI.
* Performed unit testing using Jasmine, karma, Mocha for testing JavaScript code.
* Used Dependency Injection feature of **Spring**.
* Used **AJAX** in the **JSP** side to retrieve the records dynamically from the database and displayed on the front end, it avoids refreshing of total page.
* Designed, developed and maintained the data layer using **iBatis**.
* Developing the user interface using **JSF, Ajax, JavaScript**, **CSS**, **and HTML.**
* Created front end using **JQuery** framework.
* Used **JQuery** for Client Side validations.
* Developed Session Beans **(EJB**) for the Business logic.
* Designed front-end using Java Servlets, JSP, HTML, CSS and JavaScript, utilizing AJAX technology.
* Used**AngularJs**with **JSON** Object returned by **Spring MVC Controller.**
* Used **SQL** Developer and **TOAD** for Oracle as database tool.
* Participated in Agile (Scrum) methodology to ensure delivery of high quality work.
* Worked on **stored procedures**, **triggers** and **cursors**, **PL/SQL** and **SQL** queries in Oracle 9i.
* Maintains the spring configuration files, Hibernate configurations and web.xml.
* Used **Apache Jersey** web services and **GitHub** for software configuration management and version control.
* Implemented **EXTJS** for client-side design and validations.
* Developed java based data feed module leveraging Amazon Simple Workflow Service, AWS Elastic Beanstalk, and **AWS** Cloud Formation.
* Experience in Design and Development of Java Web Services using **REST API.**
* Responsible for the redesign and implementation of the **AJAX** / synchronous implementation of the client **Web portals** for **SOA Web applications.**
* Implemented **JSON** along with **Ajax** to improve the processing speed.
* Used **Swing** for sophisticated **GUI** components.
* Used **Java Enterprise edition (Eclipse)** for development of Java and have hands on experience on it.
* Entire application is developed on **Tomcat** application server.
* Developed **MAVEN** scripts for compiling and deployment.
* **CVS**was used for project management and version management.
* Worked directly with Project Managers in understating the project schedule and meeting the deadlines
* Worked closely with QA team in resolving defects/bugs, both in production release and current development version.
* Performed integration testing using **Selenium Web driver**.
* Used **Jenkins** for Continuous Integration process.
* Initiating **Amazon EC2 Cloud Instances** using **Amazon Web Services (Linux/ Ubuntu)** and managing and configuring launched instances with respect to specific applications.
* Implemented and maintained the monitoring and alerting of production, corporate servers and storage using **AWS Cloud Watch** for efficiency.

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| **Client** | **Kohl’s** |
| **Duration** | **November 2012 to July 2013** |
| **Location** | **Milwaukee, WI** |
| **Role** | **Sr. Java Developer** |

**Description:** Developed **Custom UI** web application. Kohl’s is one of the largest department stores by retail sales in United States. **Custom UI** is a web-based application to enable the merchants to create their own kohl’s style by using cutomer choice id’s, sku’s. Also search and maintain their Kohl’s styles.

**Responsibilities:**

* Followed **Agile** methodology to implement the application.
* Collaborated with other development and integration team members to ensure Java technologies are properly implemented and maintained.
* Used **Spring MVC** framework for developing web application.
* Created and injected **Spring Services, Spring Controllers** and **DAO’s** to achieve dependency injection and to wire objects of business classes.
* Integrated **Spring Security** with the **Spring MVC** web application.
* Used Collections extensively to store, retrieve and manipulate objects in the business logic layer.
* Developed Front-end screens using **HTML, CSS, JSP, JSON, JavaScript, JQuery** and **AJAX**.
* Developed custom tags, **JSTL** to support custom user interfaces.
* Used **Lg4J** to capture the log that includes Runtime exceptions.
* Used **SOAP UI** for testing web services.
* Built scripts using **Maven** and deployed the application on the **WebLogic** application server.
* Developed the application using **Spring Tool Suite (STS)** as the IDE and used the standard features for editing, debugging and running.
* Used **JUnit** to write repeatable tests mainly for unit testing.
* Used **SAX & DOM** for **XML** parsing.
* Developed web services components using **SOAP, WSDL, JAXB** and **JAX-WS** with java.
* Designed and developed web services using **Apache CXF**.
* Was responsible to create the web services using **Apache Axis2** to create **WSD**L, **JAVA2WSDL** and **WSDL2JAVA** stubs.
* Used **Façade layer** as bridge between presentation layer and Business/Service layer.
* Used **SVN** for source code maintenance.
* Involved in Bug fixing of various modules that were raised by the testing teams in the application during the testing phase.

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| **Client** | **Edward Jones Financial Corporation** |
| **Duration** | **November 2011 to October 2012** |
| **Location** | **Tempe, AR** |
| **Role** | **JavaDeveloper** |

**Description**:The objective of the project is to enable the personal banking system available around the clock for the whole year. This system eases the maintenance of various accounts including credit cards, loans and fixed deposits. The system offers automatic bill payments, bill scheduling, fund transfers and automatic notifications through emails.

**Responsibilities:**

* Involved in the Requirement & Analysis from the business team.
* Created the design documents with **Use Case diagram**, **Class diagrams** and **Sequence diagrams** using **Rational Rose**.
* Implemented the **MVC** architecture using **Apache Struts 2.0** framework.
* Implemented **Action Classes** and server side validations for account activity, payment and transactions.
* Implemented views using **Struts tags, JSTL2.0** and **Expression Language**.
* Implemented **Struts Tiles** Framework for the views layout.
* Implemented **Session Beans** to handle Business Logic for fund transfer, loan, credit card and fixed deposit modules.
* Worked with various core java patters such as **Service Locator** and **Factory pattern** at the business layer for effective objective behaviors.
* Worked on the Multi Threadingand also**Java Collections API** for handling the data objects between the business layers and the front end.
* Worked with **JAXB, SAXP** and **XML Schema** for exporting data into XML format and importing data from XML format to database and **JAXB** in the web Service’s request response data marshaling as well as unmarshalling process.
* Implemented the **XML** Web Services using **SOAP** to transfer the amount to application that is remote and global to different financial institutions and was involved in testing of Web Services using **SOAPUI**.
* Developed Unit test cases using **JUnit**.
* Consumed **JMS message queues (MQ)** as a part of development.
* Developed Ant Scripts and developed builds using **Apache ANT**.
* Used **Log4J** to capture the log that includes runtime exceptions.
* Used **Clear Case** for source code maintenance.
* Normalized databases and written Triggers and Stored Procedures in **Oracle**.

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| **Client** | **Ameriprise Financial** |
| **Duration** | **September 2010 to September 2011** |
| **Location** | **Hyderabad, India** |
| **Role** | **Java Developer** |

**Description:** This Project involves redesigning the existing modules involving activities like creating of account, transaction, bill payments and customer services.

**Responsibilities:**

* Designed, developed and configured server side **J2EE** components like **EJB, Java Beans** and **Servlets**.
* Involved in coding front-end components using **J2EE, MVC, JSP, JSF, JQuery** and **AJAX**.
* Designed and developed front-end using **HTML, JSP** and **Servlets**.
* Wrote Stored Procedures and Functions for **DB2**.
* Used **JavaScript** for the web page validations and **Struts Valuator** for server side validation.
* Mapped **POJO** to the already created in the database using the \*.hbm.xml files.
* Designed and Developed java batches using **Spring Batch** framework.
* Extensive experience in **Struts Tag Libraries** and Custom-tag implementations in JSP to embedded business logic.
* Designed, Developed and Maintained the data layer using **Hibernate**.
* Involved in creating tables, function and stored procedures in **PL/SQL**.
* Used **SOAP UI** for testing the web Services.
* Involved in **JUnit** Testing on various modules by generating the Test Cases.
* Used **JBoss** as the application server.
* Performed Unit testing using **JUnit** framework.
* Worked with core java and resolved data, application and connectivity issues related to java program functionality.
* Developed **SQL** queries and **Stored Procedures** for retrieving the data from several databases.
* Used **Agile** as development methodology.
* Used **ANT** for compiling and building the code.

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| **Client** | **Kamineni Health Care** |
| **Duration** | **May 2009 to August 2010** |
| **Location** | **Hyderabad, India** |
| **Role** | **Jr. Java Developer** |

**Responsibilities:**

* Involved in requirement gathering and documentation.
* Involved in developing user interface using **JSP, JavaScript, CSS** and **AJAX**.
* Used **Struts-tiles** to develop the layout of the web page.
* Worked with **WebLogic, Tomcat** as the application servers and **JMS** as the messaging Server.
* Performed **Unit Testing** and **Integration Testing** for the stop and transfer modules.
* Developed User Interface screens involving **Servlets, JSP, JavaScript** and **XML DOM parser**.
* Worked on **Multi Threading** and used **Collections** extensively to store, retrieve and manipulate objects in the business logic layer.
* Developed the application using **Eclipse** as the IDE and used the standard features for editing, debugging and running etc.
* **JBOSS** server was used as the application server for deploying the application.
* Used **JDBC** for interacting with the database.
* Involved in writing **JUnit** test cases.
* Involved in testing the application and bug fixes.
* Implemented various complex **SQL** queries.
* Used **Log4j** for logging application messages.
* Involved in **Unit Testing** and **Bug-Fixing** and achieved the maximum code coverage using **JUnit** test cases.
* **Oracle** database was used. Wrote **Stored Procedures** for common **SQL** queries.
* Used **ANT** Script for building and deploying the application.
* Participated in and contributed to design reviews and code reviews.