**Naidu Korukuri**

**Sr. Java Full Stack Developer**

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**PROFESSIONAL SUMMARY:**

* Highly motivated software professional with around **7 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**.
* Efficient in designing and development of **J2EE** applications using **Core Java, Java collection, JDBC, Servlets, JSP, JNDI, SNMP, JSON, JSTL, XML, XSL, Web Services, XSLT, Struts, EJB, JQuery.**
* Strong Skills in Object Oriented Programming (OOP) Concepts, Object Oriented Design (OOD)Analysis, UML modeling and Design Patterns.
* Proficient in programming by using the IDE tools like **My Eclipse, Eclipse**  and **Net Beans**.
* Experienced in using flavors of JavaScript like AngularJS, NodeJS and also backboneJS.
* 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**.
* Excellent hands on experience wih **HTML5, CSS3, JavaScript, JQuery, Angular JS, Angular Material, Node JS, Backbone JS** 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**.
* Proficient in publishing and consuming **RESTful/SOAP** web services based on **JAX-WS/JAX- RS**, using **Jersey tool/Apache Axis2** implementation in **Service Oriented Architecture SOA**.
* 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**.
* Experience in XML technologies like **XML, DTD, XSL, XSLT, XPATH, JAXB, JAXP** and **SAX**.
* Experience with design patterns like **Singleton**, **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**.
* Profound experience and scripting knowledge in databases like Oracle 10g, SQLServer, MySQL and NoSQL (MongoDB).
* 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**.
* Knowledge on **NativeIOS**.
* 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.
* 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, Backbone, 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 MyEclipse. |
| 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. |

**EDUCATION: Bachelor of Technology in Computer Science Engineering, JNTU, India.**

**PROFESSIONAL EXPERIENCE:**

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| **Client** | **ETS** |
| **Duration** | **May 2016 – Present** |
| **Location** | **Princeton, NJ** |
| **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**, **Hibernate** **mapping 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**.
* Designed frontend with object oriented JavaScript frameworks like Angular JS, Node JS, and Backbone JS for making web site a Single Page Application (SPA).
* Created endpoint and consumed **Restful** web services using **Mule ESB**.
* Developed UI using **HTML5, CSS3, JSP, JavaScript, Angular JS** and **Bootstrap**.
* 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**.
* Mapped java classes with database using Hibernate and in Hibernate Query Language (HQL).
* Experience in upgrading and migrating various versions of PostgreSQL database on different platforms.
* Implemented **Restful** Web Services using **Spring Boot**.
* Implemented business logic in Middle Tier using pluggable components, which were specified in the customized xml documents using **Spring Framework**.
* Performed CRUD operations on **MongoDB** using **Restful** Web Services.
* Configured and Integrated **JSF, Spring** and **Hibernate** Frameworks.
* Wrote **Ant Script** to automate the build and deploy process.
* Used **Spring MVC** Transaction Management, **Spring/Hibernate** Batch Transactions and Hibernate cache concepts.
* Wrote complex **SQL** queries using hibernate’s native SQL.
* Used **JUnit** framework for Unit testing the application.
* 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.
* 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** | **Con Edison** |
| **Duration** | **Sep 2015 - April 2016** |
| **Location** | **NYC, NY** |
| **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.
* 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.
* Developing the user interface using **JSF, Ajax, JavaScript**, **CSS**, **and HTML.**
* Created front end using **JQuery** framework.
* Worked with Backbone to give a structure with rich API over a RESTful JSON interface.
* Used **JQuery**  for Client Side validations.
* Used **AngularJs** with **JSON** Object returned by **Spring MVC Controller.**
* Used **SQL** Developer and **TOAD** for Oracle as database tool.
* Responsible for all backup, recovery, and upgrading of all of the  PostgreSQL databases.
* Involved in processing the huge number of inbound feed files using Spark batch Jobs and update the master data in Cassandra tables.
* Participated in Agile (Scrum) methodology to ensure delivery of high quality work.
* Maintains the spring configuration files, Hibernate configurations and web.xml.
* 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.
* Performed integration testing using **Selenium Web driver**.
* 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** | **99 cents** |
| **Duration** | **July 2014 – Aug 2015** |
| **Location** | **L.A, CA** |
| **Role** | **Sr. Java Developer** |

**Responsibilities:**

* Created the Mock-ups using **HTML** and **JavaScript** to understand the flow of the web application and created class diagrams using **MS Visio 2007**. Involved in the process of **analysis, design, and development** of the application.
* Developed the user interfaces using **HTML, JSP** and **Servlets** for different User Interfaces using RAD 6.1 tool.
* The entire application was developed in J2EE using an MVC based architecture with help of **Spring(MVC)**.
* Developed spring Controller classes, Command classes and configured dispactcher-servlet.xml for Spring(MVC).
* Created dynamic **HTML pages**, used **JavaScript, JQuery**, and **AJAX** to create interactive front-end GUI.
* Used spring and created the Dependency Injection for the **Action classes** using **ApplicationContext.xml.**
* Configured the deployment descriptors in **Hibernate** to achieve object relational mapping.
* Developed Hibernate persistence layer modules using **EJB Java Persistence API (JPA)** annotations and Entity Manager.
* Worked on the modernization of a legacy and outsourced UI, Technologies used were Backbone.js, Angular.js and Jquery.
* Involved in writing procedures, queries using **T-SQL** to process the data on MS SQL Server database.
* Involved in configuration of Spark Standalone cluster set up and the Cassandra cluster set up in development and production.
* Performed regression testing, unit testing using **JUnit**.
* Used Web Services (JAX-WS) for exchange rate calculations and used **WSDL** and **SOAP** messages for getting credit card information from third party and used **SAX** and **DOM XML** parsers for data retrieval.
* Used Apache **Ant** as build tool.
* Used IBM Rational **Clear Case** as version control tool for maintaining source code and project documents.
* Implemented **Log4J** for Logging Errors, debugging and tracking using logger components.

**Environment**: Java, HTML, JavaScript, JSP, AJAX, Spring, Hibernate, Web Services, XML, XSD, SOAP-UI, UML, Eclipse, MS Visio 2007, MS SQL Server, Maven, JUnit, ANT, Rational Clear Case, Linux, Log4J, Apache Tomcat.

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| **Client** | **Bank of Oklahoma** |
| **Duration** | **Oct 2013 – June 2014** |
| **Location** | **Tulsa, OK** |
| **Role** | **Java/J2EE Developer** |

**Responsibilities:**

* Involved in the **analysis, design, and development and testing** phases of **Software Development Lifecycle (SDLC).**
* Implemented Survey **Questionnaire using JSF 2.1** for front end with **AJAX** calls.
* **Integrated** JSF 2.1 with **Spring and Hibernate** **3.5.**
* Extensively used **JPA 2** specification **for accessing and updating** information
* Used Native Queries and Criteria Queries (**annotations**) **in hibernate** for access and updating data.
* Used **Spring 3.0 Framework for DI/IOC** and **ORM** components to support the **Hibernate tool and JSF.**
* Used **Spring Security** for Authentication and Authorization.
* Used **Spring AOP** to track CRUD operations on the database.
* Used **Spring Transactions** **and Spring Web Flow** for Payment and Money Transfer
* Worked on XML parsing by using **JAXB** for XML Schema Validation.
* Used **XSLT** to transform my XML data structure into HTML pages.
* Consumed **SOAP & REST** based web services to transfer information to the Sears server from List server.
* Used **Apache CXF** and Spring Web Services to consume and produce WSDL files.
* Worked on **Spring Validations** and Spring Web Flow for Payment Processing.
* Developed **JUnit test cases** for unit test of all developed modules.
* Monitored the error logs using **Log4J** and fixing the problems.
* Maven was used to manage dependencies in the application and deploy it on **JBoss**. **CVS** was used for the version control.
* Managed Administration of **JBoss Application Server**.
* Used **Java Message Service (JMS)** for reliable and asynchronous exchange of important information, such as order status report, delivery report.
* Wrote **SQL stored procedure** to perform various operations on the database.
* **Followed TDD** and wrote unit test cases using JUnit.

**Environment**: Java, JSP, Struts, Spring, Spring Web Flow, Spring Security, Spring AOP, JMS, Hibernate, Apache CXF, Spring WS, UDDI, WSDL, SOAP, REST, UML, XML, HTML, Log 4j, CVS, WebSphere, My Eclipse, Rational rose, MySQL.

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| **Client** | **Integrated Wireless Systems** |
| **Duration** | **Nov 2011 – Sep 2013** |
| **Location** | **India** |
| **Role** | **Java/UI Developer** |

**Responsibilities:**

* Involved in architecting various BusinessLayer and Data Management components of multi-tiered web based system over **J2EE architecture**. Responsible for **JAVA, J2EE and Groovy coding /development.**
* Actively designed, developed and integrated the Metrics module with all other components. Used Scrum for managing product development.
* Development using **Java, JSP and Servlets on WSAD**.
* Developed the functionality for communicating between the modules mostly involved in **VIEW** and **CONTROLLER** section of MVC pattern for CMS project, it includes **HTML5, CSS3, JavaScript, JQuery and AJAX** which were used for UI development.
* Developed Struts Action and Form classes to access Java Beans and UI.
* Wrote **MySQL, SQL** stored procedures and functions to manage data, **MySQL** queries for necessary requirements, and **MySQL** triggers for data automation.
* Designed and coded highly-available systems/web applications with **javascript, Node.js**. Provided Node.js for architecture. Used Hibernate to access database and perform database updating.
* Implemented various complex **SQL queries and Stored Procedures**.
* Used **Spring Core** for middle tier development to achieve inversion of control.
* Wrote **SQL** queries and stored procedures over server databases using SQL Server and HTML files.
* Wrote complex queries and mapped database views using DAO in java.
* Used various Core Java concepts such as Multi-Threading, Exception Handling, Collection APIs to implement various features and enhancements. Co-ordination with offshore team on development activities.
* Developed **Use Cases, UML diagrams** such as **Sequence Diagrams, Activity Diagrams, and Class Diagrams**, for my application modules (Metrics).
* Developed Web Services using XML messages that use **SOAP**. Developed Web Services for Payment Transaction and Payment Release.
* Developed the application using **RAD** as methodology and used Eclipse’s features for editing, debugging, compiling, formatting, build automation and version control (CVS).
* Wrote test cases in **JUnit** for unit testing of classes and implemented the logging using **Log4j**.
* Retrieving code from the repository and deploying in Production using **ANT**.

**Environment**: Java1.6/1.7, JSP, Eclipse, Servlets, Struts, Spring, Hibernate, Git, EJB, Groovy, JNDI, Hibernate, HTML, XML, DHTML, Log4j, Ant, Web Sphere, Oracle, Windows, JSF, JBPM, Scrum, JDBC, Rational Software Architect, Web Services(SOAP/WSDL and REST), JUnit, Maven, SVN, JavaScript, CSS, UNIX.

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| **Client** | **Broadcom** |
| **Duration** | **Mar 2010 – Oct 2011** |
| **Location** | **India** |
| **Role** | **Jr. Java Developer** |

**Responsibilities:**

* Prepared workflow documentation with flow-chart containing interaction and data flow between various components.
* Developed implementation design of the requirement, code walkthroughs, and system design documentation.
* Developed various frontend screens using **JSP Tag libraries (JSTL), HTML and CSS.**
* Designed and wrote core java classes utilizing inheritance, and polymorphism concept.
* Designed and implemented **MVC architecture** using **Struts Framework** and functionalities to fetch data from the database.
* Used detailed wireframes and developed Mock-up designs as per the requirements of Business.
* Debug the application using Firebug to traverse the documents and manipulated the Nodes using **DOM** and **DOM Functions** **using Firefox** (Firebug) and IE Developer Toolbar for IE.
* Worked on writing Selection Criteria codes to be reused in various functions interacting to database.
* Wrote reusable functions to connect to Database using **JDBC** drivers and prepared statement.
* Worked with JUnit for writing, reviewing and testing unit test cases.
* Developed various **SQL DML** and **DDL queries, PL/SQL Stored Procedure** and **triggers**.
* Worked on reviewing proper functionality of various pages and correct navigation between them.
* Gained experience with utilizing Struts plug-ins, **SQL-Server database** and **Eclipse IDE**.

**Environment**: Java, SQL-Server 2008, PL/SQL, JDBC, HTML, CSS, Java Script, JSP, Junit, Eclipse IDE.