**Sheeba**

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**SUMMARY**:

* Java Programmer with over 7+ years of IT experience in analysis, design and development using Java and J2EE.
* Object Oriented Design (OOD) experience with Rational Rose and Enterprise Architect (EA). Extensive J2EE design & development with UML.
* Applied Use Case diagrams and Class diagrams using UML and Rational Rose.
* Participated in requirement analysis, reviews and working sessions to understand the requirements and system design.
* Strong programming skills and development experience using Java, Struts, Spring, EJB, Hibernate, JPA JNDI, JMX, JSP, Servlets, Java Beans, JSP Custom Tags Libraries, JDBC, Node.js and RMI.
* Experience in working with web/applications servers IBM WebSphere, BEA Web logic, JBOSS 3.0, Apache Tomcat 4.1/5.1.
* Thorough knowledge of scalable n-tier distributed as well as client/server architectures.
* Experience in designing highly transactional web‑sites using J2EE technologies and handling design/implementation-using RAD/Eclipse/WSAD.
* Experience in designing Low Level and High-Level design documents.
* Worked on multiple Operating Systems like UNIX, Windows2k, Win-NT, Win95, and Win98.
* Scripting expertise in SQL, Bourne Shell, K Shell, C Shell, and bash.
* Proficiency in developing Model View Controller (MVC) Architecture based applications using Struts and Spring Frameworks.
* Proven expertise in implementing IOC and Dependency Injection features in various aspects of Spring Framework (Core, Web, JDBC, MVC and DAO) and experienced in integrating Spring Web Flow with other frameworks like JSF.
* Implemented various Ajax Frameworks and Java Scripts using jQuery, DOJO, JSON.
* Experience in implementing SOA architectures with web services using WSDL, SOAP and UDDI.
* Configured logging tool using log4J. Managed version control using CVS, VSS and Star Team.
* Experience in PL/SQL programming including complex SQL queries using stored procedures and Triggers in Oracle, SQL Server using TOAD and Query Manager.
* Experience in Hibernate 3.0 which includes integrating legacy databases, writing custom CRUD statements, integrating stored procedures and functions and also performed polymorphic associations.
* Hands on experience in working on XML Suite of technologies (XML, XSL, XSLT, DTD, XML Schema, SAX, DOM).
* Experience working with Node.js to setup Web API’s using JavaScript.
* Comfortable working with MEAN(MongoDB, Express, Angular, NodeJS) stack.
* Experience with various data storage solutions such as ElasticSearch, MongoDB, Redis.
* Proactive and well organized with effective time management skills.

## EDUCATION:

* Bachelor of Engineering in Technology- JNTU
* Master’s in Computer Science- Sacred Heart University

##### **TECHNICAL SKILLS**:

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| Languages | C, C++, Java.  |
| Platforms  | HP-UX, LINUX, Windows[9X/2000/XP] |
| J2SE/J2EE Technologies | Java, J2EE, Swing, RMI, Sockets, JDBC, Servlets, JSP, Java Beans, JSTL, Jakarta Struts, EJB, Spring 2.0, Hibernate, JTA, JMS, Web Services, Node.js |
| Web Technologies | HTML, DHTML, XHTML, CSS, Java Script, My Faces, Rich Faces, JSF, PHP and AJAX |
| XML Technologies | XML, XSL, XQuery, XSD and XSLT |
| Web/Application Servers | Web Sphere, Web logic Application server, JBOSS, Apache Tomcat, IBM HTTP Server, and IIS. |
| IDE / Tools | RAD, WSAD, Eclipse with My Eclipse, Rational Rose,Visual Studio |
| Methodologies | Unified Modeling Language (UML), Rational Unified Process (RUP), Agile. |
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**PROFESSIONAL EXPERIENCE:**

**Verizon Texas,TX Jun’19 – Till Date**

**Java / J2EE Developer**

**Description:** Smart Alarming Tool:  Smart Alarming Tool is one of the many software programs used by Network Management team. Smart Alarming Tool is mainly used to create the tickets when the alarms are generated due to outage.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) using Agile Methodology and attended various Scrum meetings.
* Responsible for the Design,Development,Unit Testing and System Integration Testing of assigned tasks.
* Used Node.js to structure JavaScript to build Restful webservices.
* Designed and developed the REST based Microservices using the Node.js.
* Used Git for version controlling.
* Used date-format and moment packages in Node.js to save the timestamp in database converting into GMT.
* Enabled logging functionality by using the log4j to locate the problems in an application code if there are any.
* Implemented Micro Services architecture for making application smaller and independent.
* Consumed REST based micro services.
* Worked on XML and JSON for transferring and retrieving data between different applications.
* Used Visual Studio IDE for developing the application.
* Worked on RESTful Web Services for transferring JSON data between two interfaces.
* Used Jenkins for continuous integration and continuous deployment pipeline.
* Implemented REST API using Node.js.
* Extensively worked with making calls to APIS to fetch the data from the backend as JSON response and parse it on the UI.
* Worked with npm commands and using package. Json for managing dependencies and dev-dependencies of node js applications.
* Optimized Microservices using NodeJS.
* Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB.
* Used GIT for accessing the repositories and maintaining the code.
* Validated the built API in the browser using Postman.
* Implemented microservices to process the messages into the Kafka cluster setup.
* Implemented Kafka producer and consumer applications on Kafka cluster setup.
* Used JIRA Tool for keeping track of bugs, Issues, workflow, and releases.

**Environment:**Node.js,MobaXterm,VisualStudio,GIT,JSON,Apache,MariaDB,PostgreSQL,MongoDB,Log4J,Apache Kafka,Jenkins, XML.

**United Health Group(OPTUM) Minneapolis,MN Jun’14 – May’19**

**Java / J2EE Developer**

**Description:**

**West Virginia Integrated Eligibility System:**eRAPIDS is one of the many software programs on the Department of Health and Human Resources (DHHR) mainframe. RAPIDS data system calculates eligibility for state and federal assistance programs administered by the West Virginia DHHR, including Supplemental Nutrition Assistance Program (SNAP), Medicaid, Children's Health Insurance Program (CHIP) benefits, Cash (TANF) benefits, welfare to work assistance, heating assistance, and emergency assistance benefits.

**Responsibilities:**

* Involved in capturing the business requirements, design and development of the application.
* Designed and developed the REST based Microservices using the Spring Boot.
* Used Git for version controlling and Log4j for writing the log files.
* Implemented Micro Services architecture using Spring Boot for making application smaller and independent.
* Consumed REST based micro services with Rest Template based on RESTful APIs.
* Worked on XML and JSON for transferring and retrieving data between different applications.
* Used IntelliJ IDE for developing the application.
* Developed Spring REST controllers to handle JSON data and wrote DAO’s and services to handle the data.
* Developed Restful clients using Spring REST Template to consume restful services from other systems.
* Implemented Micro Service Architecture with Spring Boot based RESTful services and consumed SOAP based Web Services.
* Used Rally for bug tracking and responsible for resolving these defects assigned on time and update their status on regular basis.
* Worked on RESTful Web Services for transferring JSON data between two interfaces.
* Experience using build and packaging tools like Maven, and Continuous Integration tools like Jenkins.
* Validated the built API in the browser using Postman and Swagger API.
* Used Spring Security for Authentication and authorization extensively.
* Created complex SQL queries and used JDBC connectivity to access the database.

**Environment:** JAVA 8, J2EE, Maven, IntelliJ, GIT,JSON, Tomcat, SQL Server, Spring MVC, Spring core, Spring JDBC,OpenShift, Log4J, Jenkins,XML,Spring Boot,JAXB.

**EIncentives**

The Enterprise Incentives (EIncentives) program uses health care provider, contract, member, rate and claims information to calculate results of provider incentive programs. EIncentives also enables the recovery from capitation of claim payments made on behalf of a provider. The application facilitates payment processing, generates reporting for health care providers and supplies financial information to downstream systems.

**Responsibilities:**

* Involved in various Software Development Life Cycle (**SDLC**) phases of the project like Requirement gathering, development, enhancements using **agile** methodologies.
* Developed the user interface using JSP, JSTL, HTML, CSS, JavaScript, jQuery, Ajax and JSON.
* Used**Spring** MVC for implementing the Web layer of the application. This includes developing Controllers, Views and Validators.
* Developed the Application Framework using **Java, Spring,** andLog**4J**.
* Created **DB tables**, **functions, Joins,** and wrote prepared statements using **SQL.**
* Developed the UI pages using Front end technologies such as JSP, JSTL, HTML, CSS, JavaScript, jQuery, Ajax and JSON.
* Created reports from the data obtained from the Database to pdf, csv, xls and pptx by using Dynamic and Jasper reporting libraries
* Configured **ApplicationContext.xml** in **SPRING**to adopt communication between Operations and their corresponding handlers.
* Developed Spring rest controllers to handle json data and wrote dao’s and services to handle the data.
* Created **DB tables**, **functions, Joins,** and wrote prepared statements using **PL/SQL.**
* Wrote the Database Queries for Oracle database and worked on DB2 Stored procedures.
* Used **Maven** to build the application and deployed on **JBoss** Application Server.
* Used IntelliJ for development and **JBoss**Application Server for deploying the web application.
* Monitored the error logs using **log4j**.
* Used Tortoise SVN as version control tool.
* Used Rally tool for defect tracking and monitoring of work assignment in the system.

**Environment:** JAVA 7, J2EE, Maven 3.0.5, Eclipse Luna IDE 4.4.1, IntelliJ, Tortoise SVN 1.8.6, CSS 3, JSP 3.0.1, JSON 2.3.2, GSON 2.3.1, jQuery 1.9.1, AJAX, JBoss application server 7.1, DB Visualizer 9.0.3, Spring MVC 3.2.8, Spring core 3.2.3, Spring JDBC 3.2.3, Oracle 11g, DB2, WSDL, Log4J 1.2.17, Dynamic Reports 3.1.3, Jasper Reports 5.0.4.

**Cirrus:** Cirrus is one of the core applications in United Health Group. This application deals with the integration of all modules of provider, networks, contractors, members, claims.

**Care Manager:** Clinician Risk Adjustment is an Optum service offering to assist provider groups with the correct documentation of their populations’ conditions to ensure correct risk adjusted payment.

**Responsibilities:**

* Developed the User Interface Screens for presentation using **Angular-JS**, **Ajax, Bootstrap, Java Script and HTML**.
* Implemented Reporting SPAs using **AngularJs**, Angular **Directives**, **Bootstrap**, CSS3 and Gulp.
* Creating custom, general use modules and components which extend the elements and modules of core **AngularJS**.
* Implemented **AngularJS** Controllers to maintain each view data. Developed **Jasmine** unit test cases to test the angular components.
* Involved in developing unit test cases for **Angular** controllers, services, filters, and custom directives using **Jasmine** and **Karma**.
* Used **NPM** for managing application dependencies and used **GULP** build system to automate tasks such as minification, copying, watching, serving, testing.
* Used **Spring** MVC for implementing the Web layer of the application. This includes developing Controllers, Views and Validators.
* Created **DB tables**, **functions, Joins,** and wrote prepared statements using **SQL,** wrote Stored Procedures in **PL/SQL.**
* Developed **Restful** clients using **Spring REST Template** to consume restful services from other systems.
* Developed **RESTful** web services for both web and mobile based applications using **Spring** framework.
* Configured multiple jobs on **Jenkins** for different projects with different plugins for SCM, Unit testing, code analysis, release, deployments.
* Used IntelliJ for development and **JBoss**Application Server for deploying the web application.
* Used **AngularJS** as the development framework to build a single-page application
* Worked with team members with establishing and applying appropriate branching, labeling/naming conventions in **SVN**.

**Environment:** JAVA 7, J2EE, Maven, Eclipse,Tortoise SVN2.3.1, jQuery 1.9.1, AJAX, JBoss application server 7.1, DB Visualizer 9.0.3, Spring MVC, Spring JDBC 3.2.3, Oracle 11g, DB2, WSDL, Log4J, Angular JS.

**North Carolina Department of Revenue, Raleigh, NCJan’13 – May'14**

**Java / J2EE Developer**

Designed and authored a spring-based, fully generated, annotation-driven persistence framework for java applications. Framework generates fully relational entity, data access, service, and interface layers from a data source. Generation templates are fully customizable to accommodate a variety of patterns or APIs. Framework also implements a custom sql parser for converting complex queries into java model objects (and their associated data access plumbing) with OR usability features.

**Responsibilities:**

* Performed complete application life cycle functions from conception to final release to users including Design/Analysis, Implementation, Testing, Deployment and **Maintenance**.
* Implemented the caching mechanism in **Hibernate** to load data from Oracle database.
* Built a web frontend using JSF Framework with JSP, HTML, CSS, AJAX, and JavaScript.
* Developed the UI panels using JSF, XHTML, CSS, DOJO, and jQuery.
* Developed the user interface using JSF, Ajax and FACELETS. Majorly worked on JSF technologies like ICEFACES and RICHFACES.
* Involved in fixing defects in application worked in JSF managed beans, converters, validator, and configuration files.
* Configured **Hibernate session factory** in applicationcontext.xml to integrate **Hibernate** with **Spring**.
* Created **DB tables**, **functions, Joins,** and wrote prepared statements using **PL/SQL.**
* Used XML parser APIs such as **JAXP** (SAX, DOM), **JAXB** and other technologies like **SOAP**, **WSDL**, **UDDI**for implementing **Web services**.
* Developed stored procedures and triggers using **PL/SQL** to calculate and update the tables to implement business logic.
* **Concurrent Versions System** (**CVS**) is used for version control and **TOAD** is used as database development tool.
* Used **Maven** to build the application and deployed on **WebLogic** Application Server.
* Used Eclipse for development and **WebLogic**Application Server for deploying the web application.
* Monitored the error logs using **log4j**.
* Developed stored procedures, Triggers, and functions to process the trades using PL/SQL and mapped it to DB2 Configuration File and established data integrity among all tables.

**Environment:** Java 1.4.1, J2EE 1.5, HTML, CSS, JavaScript 1.7, JSP 2.1, AJAX, EJB 2.1, JDBC 2.0, UML 2.0, XML, JAXB 1.2, JAXP 2.0, Webservices/SOA, Rational Rose 2005, Maven 2.0,Eclipse (Kepler), WebLogic 8.1, CVS, Oracle 9i, log4j and JUnit 4.2, RSA.