Manikanta

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Full stack developer with over 8 years of IT experience including user interaction, requirement analysis, design, development, testing, configuration, client interaction, and support.

Professional Summary:

- *Skilled in* **Object Oriented Analysis and Design** *(OOAD) and extensively worked with open source technologies –* **Struts**, **Spring**, **Hibernate frameworks, Log4j**, **Junit.**
- *Proficiency in various components in* **Spring – IOC, AOP, JDBC, OXM, RestTemplate, MVC.**
- *Good experience in implementing the design patterns* **like Singleton**, **Session Facade**, **Business Delegate**, **Service Locator**, **Front Controller and Data Access Objects (***DAO***)***, etc.*
- *Proficiency in various web based technologies like* **HTML, DHTML, ReactJS, JavaScript**, **Ajax, Tiles***.*
- *Experience in adding dynamic functionality to web pages using* **JavaScript**, **jQuery**, **NodeJS** *and* **AngularJS.**
- *Excellent experience in software development life cycle (***SDLC***).*
- *Experience on installing the* **Mongo DB** *in Windows environment with adding arbiter to replica sets as well with development.*
- *Hands on experience with* **Apache Infinispan cache.**
- *Experience with and solid understanding of* **Micro Services** *and implemented client-server business applications using* **Micro Services.**
- *Well versed working with Relational Data Base Management Systems as* **Oracle 9i/10g**, **MS SQL server**, **DB2**, **MySQL**, **Mongo DB, NoSQL Cassandra** *and developed* **SQL scripts** *and* **PL/SQL** *(queries, functions, procedures and triggers, profiles and users) on* **oracle database***.*
- *Worked extensively on various flavors of* **UNIX** *operating system like* **Linux***.*
- *Experience working with IBM MQ (Message queue) and JMS for asynchronous mode of communications.*
- *Experience working with multiple Servers –* **IBM Web Sphere**, **Oracle WebLogic**, **JBoss**, **Apache Tomcat***.*
- *Good Experience in using test driven JS tools like* **Jasmine.**
- *Excellent experience in developing Web Services with* **Python** *programming language.*
- *Skilled at building applications based on* **SOA** *architecture in* **IBM Integration Designer.**
- *Strong exposure to* **Web 2.0 client technologies** *using* **JSP**, **JSTL, XHTML, DOM, CSS, JavaScript** *and* **Ajax.**
- *Experience in working with the* **Collections** *framework and* **Multi-threading***.*
- *Experience in Manual and Automated testing using* **Selenium.**
- *Having experience with Cloud Computing environment like* **Amazon Web Services(AWS).**
- *Performed Requirement elicitation by gathering functional and non-functional requirement.*
- *Strong application development in WebSphere Portal, JSR 168 Specification integrated with Spring Portlet and Hibernate.*
- *Experience in implementing* **RESTful** *and* **SOAP** *based Web Services using* **Top down Approach** *and* **Bottom up Approach***.*
- *Hands on experience in building and deploying tools like* **ANT and MAVEN** *as well as version control using* **GIT**, **SVN/Subversion, Rational Clear Case, CVS and VSS***.*
- *Working knowledge of* **XML** *related technologies –* **XML**, **XSL**, **XSDs, DTD**, **JAXP** *(***SAX, DOM***)*, **JAXB***.*
- *Experience using* **JMS Integration Framework** *which reduces complexity of JMS API using Spring Integration with MQ.*

Technical Skills:

Languages	Java, SQL, PL/SQL, Scala, Python, C, C++, Groovy
Technologies & Frameworks	Struts, Spring, Spring JDBC, EJB, Spring Boot, Spring Data JPA, Hibernate, Eclipse RCP, JBehave, JDBC, Servlets, JSP, JNDI, Micro Services, JMS, Java Mail API, Apache Wicket, Apache Tiles, Apigee,Apache Infinispan Cache, AWS, RMI, JSTL, JTA, JPA, Log4j, Jasmine
Scripting Technologies	HTML, DHTML, AngularJS, NodeJS, React JS
Database	Oracle 9i, MS SQL Server, MySQL, DB2, Mongo DB, Cassandra, PostgreSQL
Web Technologies	JSP, JSTL, JSF, Ajax, CSS, JQuery, GWT JavaScript, Java Servlets API, JSON
Web Services	JAX-WS, JAX-RS, JAX-RPC, SOAP, AXIS, REST
Application Servers	IBM Web Sphere 5.1/6.0/6.1/8.5, Web logic 10.3.6, JBoss 4.2 and Apache Tomcat
Design Patterns	MVC, Singleton, Factory, Value Object (Transfer Object), Session Façade
Development Tools	Eclipse, Rational Rose, IBM Integration Designer, IBM Process Designer, GIT, IBM Info Sphere
Operating Systems	Windows 2000, XP, Vista, Windows-7/8/10, UNIX and Linux
Build& Configuration	ClearCase, CVS, VSS, SVN, Ant, Maven

Professional Experience:

CenterPoint Energy, TX   **Jan 2016 - Present**
JAVA DEVELOPER

Project Summary: *The project focus on making it easier to collect energy consumption data from utility companies that is required to analyze energy usage and to deploy a new Market Transaction Management solution on top of Customer Care and Billing which maintains the request and response messages for, Enrollment requests and generating the Monthly and Historical Usages.*

Responsibilities:

- *Participated in and contributed to team demos, peer reviews, team retrospectives, and daily standups for the development of the application.*
- *Created technical design documents using* **class and sequence diagrams** *for feature processing flows and data insertion.*
- *Designed and developed new code for features based on Standard* **SF Design Patterns**, **SOC design principles**, **Single Responsibility** *and* **Reusability Principles***.*
- *Used* **Java Message Service (JMS)** *for asynchronous exchange of information between systems.*
- *Involved in implementing JUnit Test Cases.*
- *Used* **AJAX** *for implementing part of the functionality for Customer Registration, View Customer information modules.*
- *Developed API for using* **AWS Lambda** *to manage the servers and run the code in the AWS*
- *Application deployment, Migrating data and application to AWS Platform.*

- *Designed dynamic client-side JavaScript, codes to build web forms and simulate process for web application, page navigation and form validation.*
- *Integrating Oracle **CC&B** with various business critical systems such as Financial Ledgers System.*
- *Developed **UPK** simulations for **CC&B** Overview and Navigation courses.*
- *Devised and established high level architecture for the release feature processing and data insertion into the calculation and workpaper tables.*
- *Experience in using distributed database **NoSql Cassandra** to manage large amounts of structured data.*
- *Used **React JS** for templating for faster compilation and developing reusable components.*
- *Built **RESTful** Web services using MVC architecture style.*
- *Assigned Roles and Policies to Users, Security Groups by using Identity and Access Management(IAM) and implemented Multi Factor Authentication(MFA) to provide additional security to account and its resources.*
- *Created **JMS** consumer to process RESTful over JMS messages.*
- *Configured **AWS S3** versioning and lifecycle policies to and backup service requests and archive files.*
- *Configured Elastic Load Balancers (ELB) with **AWS EC2** Autoscaling groups.*
- *Created monitors, alarms and notifications for **AWS EC2** hosts using Cloud Watch.*
- *Used second level cache to enhance performance and proper memory management.*
- *Used **pureQuery** interface to access relational databases using pureQuery Runtime and **Java annotations** and by using **Merge(upsert) Statements** and **sequence objects**.*
- *Used a **Micro Service** architecture, interacting through a combination of **REST** and **MQ** and leveraging **AWS** to build, test and deploy Identity **Micro Services**.*
- *Used **EC2** as virtual servers to host **GIT**, **Jenkins** and configuration management tool like Chef*
- ***Multithreading** was used to perform various tasks simultaneously like scraping the data and formatting the data at the same time as huge amount of data was processed at the same time it was getting scraped.*
- *Tuned and recorded performance of **NoSql Cassandra** clusters by altering the JVM parameters.*
- *Queried and analyzed data from **NoSql Cassandra** for quick searching, sorting and grouping.*
- *Developed new and existing calculation setup, edit and review UI modules using **JSP and JQuery** for analysts to manage new and existing calculations.*
- *Configured Spark streaming to receive real time data from the Kafka and store the stream data to **NoSql Cassandra** using Spark, Java and Scala*
- *Implemented **AngularJS** and **Node JS** with **Spring MVC** as model component.*
- *Conducted tests for applications developed in Angular JS using Jasmine and Protractor.*
- *Involved in **BDD** (Behavior Driven Development) using **JBehave** and **Jasmine** Framework.*
- *Monitored the performance of **DAO calls** and **host components calls** using **Jamon** and corrected performance when required for faster processing of usage records.*
- *Implementing **Selenium** testing platform and using test scripts with Eclipse IDE.*
- *Worked to increase the quality of the source code to meet the GFS standards using tools and Frameworks like **Pitest** for checking mutations, **CheckStyle** for coding standards **EMMA** for class line and branch coverage, **CodePro** for Static code analysis and **CSSLint** and **JSLint** for CSS and JavaScript code quality.*
- *Used **Maven** for building the application and implemented with **Scala**.*
- *Involved in monitoring of **Sonar dashboard** for code metrics for every sprint cycle; fixed code based on dashboard statistics.*
- *Used **Maven** for building the application as an enterprise artifact, using **Maven commands** to verify test cases and **coding standards** for the application before deploying the code.*

Environment: Java 6, Spring 4, Spring JDBC, Websphere 8.5, IBM RSA, Jquery, Jasmine, JBehave, Jenkins, Jamon, Maven, Pitest, Junit, RESTful, JSON, EMMA, JMS, Multithreading , Scala, Angular JS, Java cache, Node JS, CodePro, NoSql Cassandra, React JS, GIT, Micro Services, Sonar, Spring Boot, Apigee, Selenium, AWS, Checkstyle, Splunk, EasyMock

Morgan Stanley, NY   **Nov 2014 – Jan2016**
                    JAVA DEVELOPER

Project Summary*: Worked with Human Resource Information Technology group on Workday Project. The project mainly involves designing, developing, and maintaining the HR data from Workday and then building the enterprise data warehouse used by different groups. The Java Process involved extracting the data from workday in the form of xml files and then load it into our database. It also involves migration of data from a legacy internal HR application to Workday. The final data is reported to users through Business Objects reports and some outgoing feeds.*

Responsibilities:

- *Designed* **XSDs** *and implement services in* **Eclipse IDE** *and* **IBM Integration Designer** *(IBM ID) based on the XSDs.*
- *Implemented all the services based in Spring Architecture* **Spring Core***,* **Spring MVC***,* **Spring OXM API.**
- *Developed simple and secure integrations using Workday Enterprise Interface Builder (EIB).*
- *Extensively used* **Spring Rest Template** *to provide* **RESTful** *web services to call the underlying application, used* **Hibernate** *as an* **ORM** *tool.*
- *Good work experience on* **Mongo DB and MySQL***, Creating SQL statements &Sub queries.*
- *Wrote* **Python** *scripts to parse XML documents and load the data in database.*
- *Designed business flow diagrams and processes, which included processes in Staffing, job benefits, compensation grades and packages.*
- *Implemented* **BackboneJS** *and* **ReactJS** *to create a dynamically changing website.*
- *Used* **PL/SQL** *coding for Exception Handling and Duplicate Data maintaining.*
- *Upgrade underlying search engine to* **Elastic search 1.6** *enhancing performance and insights.*
- *Configured* **Spring ORM** *that provides simplified templates for accessing databases through ORM technologies, such as Hibernate in our case to access the database.*
- *Cleansing data generated from weblogs with automated scripts in* **Python***.*
- *Implemented client application specific code modules and used* **Ant Build Tool** *to build, compile, and create jar files of each client application.*
- *Responsible for constant upgrading of services as per release changes and unit testing by utilizing* **Junit 4 API***, and used* **SOAP UI** *for testing in various environments and used* **JMockit** *to mock SEAS calls for testing.*
- *Implemented all the SEBS Services in* **IBM Integration Designer (IBM ID)** *by creating* **Mediation Flow Modules***,* **Inbound Import** *and* **Outbound Export** *for all those services deployed in various environments, created toolkits for consumption by* **IBM Process Designer (IBM PD)***. Implemented test cases for these operations in* **IBM ID***.*
- *Worked with* **No SQL** *database to store JSON like dynamic connections data.*
- *Created various Parser programs to extract data from Workday using* **Scala.**
- *Used* **Apache Tiles** *Framework for User Interface look and feel.*
- *Used* **SVN** *to check-in and check-out and co-ordinate among team members for Version Controlling.*
- *Used* **Spring JMS** *template for the asynchronous exchange of critical business data and events among J2EE components and legacy system.*
- *Worked on version control tool* **GIT** *for branching, merging and reverting the code.*
- *Used* **Clover** *to constantly check the* **effectiveness** *and* **coverage** *of the test cases.*
- *Tested required operation of ID by creating* **human services** *to test from* **IBM Process Designer***.*
- *Responsible for constantly revising and reviewing the code using* **Fish Eye-Crucible***.*
- *Responsible for biweekly on call* **primary support** *and secondary support, coordinating and validating* **Change Requests** *and* **Work Requests***. Created CR's and WR's on a regular basis for code deployment and code changes.*

Environment: JDK 6, J2EE, Spring 3.1.2, Hibernate 3, Oracle WebLogic 10.3.6, Eclipse, Scala, XML, JSON, Log4j, JUnit, Anthill Pro, Ant, Jmockit, PL/SQL, GIT, Elastic search*,* **Infinispan cache, Python,**

Oracle SQL Developer, Apache Tiles, Mongo DB, JMS, ReactJS, IBM Integration Designer, IBM Process Designer, SOAP UI, No SQL, Clover, Crucible

AXA Equitable Life Insurance Company, NJ   **Oct 2013 - Oct 2014**
JAVA DEVELOPER

Project Summary: *Employer Sponsored alerts*
Micro services designed to expose the data in Inforce alerts database and consume them from front end designed using Angular JS. Implementation of micro services using SpringBoot and eclipseLink data jpa (dynamic entity).

Responsibilities

- *Data analysis and breakdown the project into multiple **micro services**.*
- *Designing dynamic entities and implementing service in **spring boot**.*
- *Worked with **Apache Wicket 1.6** for the presentation layer.*
- *Performing analysis and developing POC on different ways to expose the **micro services** (Like Node JS Vs Spring Boot and Spring data JPA).*
- *Writing **SQL** Statements to extract Data, to verify the output Data by using SQL Query analyzer.*
- *Developed HTML5 Mobile application with HTML5, Java Script, JQuery, JSON and RESTful web service.*
- *Worked on migrating the old java stack to Type safe stack using **Scala** for backend programming.*
- *Created various Parser programs to extract data from database using **Scala**.*
- *Mapped tables in database using **Hibernate** and **Scala**.*
- *Used **NodeJS** as a lightweight webserver and to resolve **javascript** dependencies.*
- *Involved in development of the User Interface presentation screens using **HTML5, CSS3, Node JS**.*
- *Developing front end single page application using **groovy JS**.*

Environment: Spring Boot, Spring Data JPA, My SQL, HTML5, CSS3, Node JS, Scala 1.7, Spring Tool suite (STS 3.2), Hibernate, Apache Wicket 1.6, Angular 1.4, Oracle 10g

Thomson Reuters, MN   **Aug 2012- Sep 2013**
JAVA DEVELOPER

Project Summary: TRAMS *(Thomson Reuters Application Management Suite) is a standardized suite of capabilities that manage TR's application needs for deploying, logging, monitoring, and alerting on Java or Windows based applications and services. Worked on **AutoScale** cloud project which is a part of TRAMS to deploy, migrate, auto-provisioning and dynamic scaling of applications on TR's private cloud by leveraging existing TRAMS infrastructure.*

Responsibilities:

- *Involved in Design and Development of **AutoScale** Project in TRAMS to deploy, migrate and managing cloud based applications.*
- *Developed the application on **Spring** Framework used **Hibernate ORM** to perform backend **CMDB** calls to retrieve and commit application specific configuration data required to deploy the application.*
- *Expose various Rest endpoints to be consumed as services to clients to directly autoscale the application, getting the status of the application and configure the application in conjunction with **OpenStack API**.*
- *Integrated **Splunk Rest API** to query **Splunk** via Splunk jobs about call stack and other transaction information Developed custom parsers to parse splunk **JSON** output.*
- *Developed user interface using **JSP**, **Angular**, **DOJO**, and **JQuery**. Extensively used Angular **directives**, **validations**, Angular **forms** and Angular **http service**.*
- *Worked on application written in **Groovy/Grails**. Developed **RESTful web service** in groovy and **services**.*
- *Worked on TRAMS **Deploy Engine** (mona), **Java** and **Windows Node Agent** to develop new capabilities according to client requirements.*

- *Developed Test Suites for various Rest end points in JUnit4 Framework. Used **SOAP UI** for testing in various environments.*
- *Participate in Iteration planning meeting biweekly and attended scrum meetings.*

Environment: Java, Spring, Hibernate, Tomcat 7, XML, JSON, Log4j, JUnit, Angular, Groovy, Anthill Pro, Ant, Oracle SQL, REST, OpenStack API, Jackson, Splunk, JavaScript, Dojo Toolkit

Optum Health*, MN*   Oct 2011 - Jun 2012
JAVA DEVELOPER

Project Summary*: ***OptumRx *is a project in to manage customer prescription medications and other customer health products which manages customer's order refills, tracking the order and displaying the status of the orders.*

Responsibilities*:*
- *Developed and introduced new enhanced features in **OptumRx** customer portal in the customers' medication cabinet section.*
- *Integrated code with **IBM Work Manger API** to handle customer request and leveraged the framework to schedule background worker threads.*
- *Enhanced web-tier components using **JSP**, **Spring**, **Apache Tiles 2.2, Tag Libraries** and **JavaScript**.*
- *Used **Eclipse Rich Client Platform (RCP)** for the development of the project.*
- *Extensively used **Linux, Unix** system administration tools to create servers and deploy and run applications in development stage.*
- *Developed **Test** Suites for various Rest end points in **JUnit** Framework, used **EasyMock** framework.*

Environment: Java, Spring, Hibernate, WebSphere, Eclipse RCP, XML, JSON, Log4j, JQuery, Anthill Pro, Ant, Oracle SQL Developer, REST, JavaScript, JUnit, Unix, Linux, Apache Tiles 2.2, IBM RAD, Rally

Colruyt Group India, Hyderabad   May 2009 - Sep 2011
JAVA DEVELOPER

Project Summary:
The project involves creation of a single, integrated system which executes the calculation of sales and compensation for both External and Internal producers and suppliers.

Responsibilities:

- *Used **Hibernate** ORM mapping for Oracle database.*
- *Front-end is designed by using **HTML, DHTML, JavaScript, CSS, JSP, JSF, JSTL and Struts**.*
- *Developed various **Spring MVC** forms and performed both client side and server side validation*
- *Worked on Web services using **SOAP and AXIS**.*
- *Used **Hibernate** as **ORM** tool for accessing database**.***
- *Used **Rational Clear Case** to access files and directories in the organization.*
- *Integrated and configured S**pring Framework and Hibernate** environment.*

Environment: Java JDK 1.4, Eclipse 3.2, log4j, Ant, Solaris 10, Web Sphere Portal Server 6.1, RUP, Java 1.4, J2EE, JSP 1.2, Servlets 2.3, JSF 1.1, Prime Faces, Spring 1.2.6/2.0, Hibernate 2.0, Web Sphere 6.0, AXIS, Oracle 8i / 9g/10g, J Unit, XML, HTML, JQuery, Java Script, AJAX, CSS, Rational Clear Case