**Manihas Reddu**

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**Professional Summary:**

* Over 7+ years of IT experience on Java/J2EE using Servlets2.5, JSP, Struts, Spring, Hibernate, XML, JavaScript's, and HTML.
* Experienced in Core Java, Collections, Multi-Threading, Exception handling, File I/O, Design Patterns, OOPS Concept.
* Implementation, testing, integration, and production support of the enterprise web application using **Java/J2EE** technologies/framework.
* Worked with web technologies like **JSP**, **HTML**, **Angular JS**, CSS, Servlet, Java scripts (used frameworks-JSON) **JQuery**, **MVC frameworks** (Struts, Spring MVC, IOC/DI, AOP) other frameworks (Hibernate, EJB, JUnit) and Database (Oracle, MySQL and DB2).
* Expertise in analysis, design, development, testing and implementation of Java/J2EE application using Java, **Spring**, **Hibernate**, **SOAP (JAX-WS)**, WSDL, SOA, **RESTFUL Web Services (JAX-RS)**, Jersey Framework, Servlets, JAXB, JSON, Java Script, XML, XSD, SQL and using tools like Axis 2.0.
* Worked with **ORM tools** such as **Hibernate** and proficient in **HQL**.
* Designed various modules of application/product with the knowledge of **design patterns** and **OOPS concepts**.
* Good experience in writing and performance tuning database queries and stored procedures using **Oracle**, **DB2** and **MySQL** databases.
* Worked on **PL/SQL database** objects tables, views, sequences, triggers, Procedures, Functions, Triggers, Cursors, Exceptions Partitions, analytical functions, views, Indexes and global temporary tables etc.
* Good understanding of Domain Driven Design **(DDD)**, Microservices, Continuous Integration and continuous deployment **(CI/CD)** using Jenkins and Docker.
* Experience in using **No-SQL databases** like, **HBase** and **MongoDB**.
* Good knowledge in usage of application and web servers such as JBoss, Tomcat and Web Sphere.
* Experience in **client side designing** and **validations** using HTML, CSS, JavaScript, **AJAX**, jQuery, **AngularJS** and **NodeJS**.
* Experienced in Development, Testing and Deployment of enterprise applications on **Windows, Linux and UNIX** platforms using **IDE's** such as **Eclipse, STS, Rational Application Developer (RAD), NetBeans, IntelliJ.**
* Experienced in Coding, testing, analyzing/fixing production defects/issues using Core Java & **J2EE technologies** and involved in code and design review process of team members.
* Experienced in **TDD (Test Driven Development)** using **Junit**, **Selenium** and created technical design document containing architecture of the application/module/product.
* Experienced in Version Control Systems such as **SVN**, **GitHub** and used tracking tool **JIRA**.
* Experience in developing spring features like **Spring MVC, Spring DAO, Spring Boot, Spring Batch, Spring Heroku, Spring Security, Spring Integration, Spring Eureka, Spring Netflix.**
* Experience in **Microservices-Spring Boot, Pivotal Cloud Foundry and Spring Boot**.
* Used **Micro service** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message **brokers and Developed data pipeline** using **Apache Kafka**.
* Good experience in developing dynamic websites using the **MEAN stack**.
* Expertise in **XML** and related technologies like **XSD**, **XPath**, **XSLT**, **DTD** and parsers like **DOM** and **SAX**.
* Excellent understanding of Object Oriented design methodology and Core Java concepts such as **multi-threading**, **exception handling**, **generics**, **annotations**, **Collections** and I/O.
* Provided support and configuration services of IP data networks on continuous basis.
* Developed **RESTful** services using **NodeJS** Loopback Framework.
* Experience in build tools like **Ant** & **Maven**, logging with **Log4j**, Test Driven Development using Junit.
* Good programming and debugging skills in **Unix Shell Scripting**.
* Experienced in Document preparation including Design Documents, Technical help documents, User training documents and Test Cases.
* Excellent Organizational and interpersonal skills with a strong technical background.
* Self-starter, fast learner and a team player with strong personal and group communication skills.
* Has good ability to develop scalable, monitor able and maintainable solutions for using complex use cases on their own end-to-end at rapid pace.
* Excellent analytical capabilities and good communication skills.

**Technical Skills:**

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| **Languages** | C++, Java, J2EE, SQL/PLSQL, Python |
| **Operating Systems** | Windows 98/2000/XP/NT, Unix, MS-DOS |
| **Java Technologies** | J2SE, J2EE, JSP, Servlets, JDBC, JMS, MDB, JNDI, web Services, JSF |
| **Web/App. Server** | Tomcat, WebLogic7.0,10.0, and Web Sphere 6.1, JBoss4.5 |
| **Frameworks& Tools** | Struts1.1/1.2, JSF, Spring, MVC, Hibernate, JUnit, Maven, ANT, AJAX, Log4J, Eclipse, STS |
| **Web Technologies** | JSP, JQuery, XML, JSON, HTML, XSLT, JavaScript, CSS, DHTML, Servlets, JSF, Ajax, JSTL |
| **Databases** | ORACLE, DB2, SQL Server, MYSQL |
| **Design & Modelling** | UML, Design Patterns, Agile SCRUM |
| **Tools/IDES** | Net Beans and Eclipse |
| **Build Tools** | ANT, Maven |
| **Version Control Tools** | SVN, GitHub |

**Professional Experience:**

**Client: Nationwide, Columbus, OH**

**Role: Full Stack Developer Duration: Apr 2018 - Present**

**Responsibilities:**

* Extensively used Java 1.8 features such as Lambda Expressions, Parallel operations on collections for effective sorting mechanisms and new Date Time API.
* Used **Restful Web services** which is light weight, maintainable and scalable.
* Used **Java Persistence API (JPA)** framework for object relational mapping which is based on POJO Classes.
* Deployed **MicroServices** to **Ansible Playbook** in **Docker** containers, managed by **Mesos/Marathon**.
* Developed web pages with cross browser compatibility using HTML, CSS, **JavaScript**, **JQuery**, **Bootstrap** and **AJAX**.
* Responsible for **Continuous Integration (CI)** and **Continuous Delivery (CD)** process implementation using Jenkins along with LINUX Shell scripts to automate routine jobs.
* Used Spring Data JPA which focuses on JPA to store data in relational data base, by which simple Queries are written.
* Used **Angular JS** to address many of the challenges encountered in developing single page applications.
* **Spring Boot Microservices** were developed with microservice architecture using **REST** and **Apache Kafka**.
* Designed and implemented the database structure using **PL/SQL** in Oracle 10g database.
* Worked on service-oriented systems that utilize **REST** web frameworks, **SOAP** and message queue technologies (Spring MVC, Spring REST Template, Spring Integration).
* Worked with **JSON objects** and **JavaScript** and **JQuery** intensively to create interactive web pages.
* Used **Oracle** as Database and Involved in writing **SQL scripts**, SQL code for procedures and functions.
* Implementing Swagger Configuration in Java **Spring Boot** for auto generating swagger JSON files for **REST API** call.
* Worked extensively on the spring framework, implementing **Spring MVC**, **Spring Security**, **IOC** (dependency injection) and **Spring AOP** and used **SOA** for web-based applications.
* Involved in writing java API for **Amazon Lambda** to manage some of the AWS services.
* Used **GIT** and **SVN** for source control and **Jenkins** for continuous integrations.
* Developed web service client based on **WSDL's** provided by middleware team for retrieving bill credits and customer agreement data from backend systems.
* Involved in deployment of application on **WebLogic Application Server** in Development & QA environment.

**Environment**: Java 1.8, Spring, SQL, Eclipse, JSP, Servlets, JMS, XML, Ant, XSLT, JSON, SVN, Git, Oracle 11g, JPA, RESTful, Microservices, Spring MVC, Spring Data JPA, Jenkins, AngularJS, WebLogic 7.0, SOA, JavaScript, MyBatis, Maven, PL/SQL J unit, Web Sphere, PL/SQL Database.

**Client: Capital Group, Irvine, CA**

**Role: Sr. Java Developer Duration: Jan 2017 – Mar 2018**

**Responsibilities:**

* Involved in the development of presentation tier using HTML, CSS, **Bootstrap**, **Angular JS** and **JSP**.
* Applied **J2EE Design Patterns** such as Factory, Singleton, and Business delegate, DAO, Front Controller Pattern and MVC and actively used OOP concepts.
* Experience in developing web applications using Spring, EJB, **Hibernate**, **MDB**, **JDBC**, Java Server Pages, Servlet, Web Services, JavaScript, JavaBeans, POJO's and Log4j.
* Extensively used AJAX technology to add interactivity to the web pages.
* Used **AngularJS** to address many of the challenges encountered in developing **single page applications**.
* Designed and developed various modules of the application with **J2EE design architecture**, Spring MVC architecture using **IOC**, **AOP** concepts.
* Worked on implementing current **Rest web services** to one of cloud computing services **AWS**.
* Used **SOA** and **SOAP UI** for web based applications.
* Responsible for designing Rich user Interface Applications using **JavaScript**, CSS, **HTML** and **AJAX**.
* Very knowledgeable with **CI/CD pipeline** procedures, development, and deployment.
* Used **Oracle 11g DB** and actively involved in writing PL/SQL functions and packages.
* Used **Spring Data JPA** which focuses on JPA to store data in relational database, by which simple Queries are written.
* Good knowledge of **EJB Session** beans with **JNDI** mapped naming & **JMS** message-driven beans.
* Developed stored procedures and complex packages extensively using **PL/SQL** and **Oracle** database.
* Used **Jenkins** which is an open source continuous integration tool written in Java which provides **Integration services** for software development.
* Used **Hibernate** for mapping an object-oriented domain model to a traditional relational database.
* Logged issues and **bugs** with **Jira**, created and participated in code reviews using **Crucible 2.0/3.0**.
* Used **Spring Core Annotations** for Dependency Injection **Spring DI** and Spring MVC for REST APIs and **Spring Boot** for micro-services.
* Implemented the application using **Spring Boot Framework** and handles the security using spring security.

**Environment**: Java 1.7, JDK, Spring 5, Hibernate 4.0, JNDI, AJAX, Web Services, Eclipse, AWS Lambda, Micro Services, Restful Service, Jenkins, Spring Data, XML, JSON, Git, JUnit, JavaScript, Angular JS, JIRA, CSS, JavaScript, Web logic, Spring MVC, SQL, SOA, Oracle 11g, SQL, IBM Web Sphere, Log4j, UNIX.

**Client: Georgia Power, Atlanta, GA**

**Role: Java Developer Duration: Apr 2015 – Dec 2016**

**Responsibilities:**

* Working on application architecture and **re-design** of different parts of the application.
* Developed database persistence layer components for mapping an **object-oriented** domain model to the relational database using **ORM** framework such as **Spring JDBC** Support, **Hibernate and JPA**.
* Worked in **Agile** mode and interacted closely with the product owner and business team.
* Setup a new **clear case project** and **ANT** scripts and owned the deploy process.
* Built **Single page application (SPA**) using **AngularJS** as per the requirement.
* Optimize the cost of application development and maintenance by using economies of scale under a **SLA** governed process.
* Worked with **Apache Lucene** and **SOLR** for searching the person and business details.
* Using **Spring Boot** which is radically faster in building **MicroServices** and develop **Spring** based application with very less **configuration**.
* Written Stored Procedures, functions, **SQL queries** and backend programming using **Oracle, SQL.**
* Developed presentation tier **web** components using **JSF** framework and deployed the application in **web server.**
* Expertise in application development using **JSP, Servlets, JDBC, JNDI, spring, Hibernate, Ibatis, Mybatis, JSF, EJB, XML, Web Services- SOAP, WSDL.**
* Implemented **MVC** architecture using **JSF** framework using **JSPs as GUI** development and **DB Modeling using NOSQL** and **Oracle 10g.**
* Deployed and monitor scalable infrastructure on **Amazon web services (AWS) &** configuration management using **puppet.**
* Performed client-side validations using **JavaScript** and **Struts validation framework.**
* Worked and supported ecommerce business models such as on **B2C, B2B, and B2B2C**.
* Interacted with the business users to gather requirements and provided high-level design with **Sequential and State-chart diagrams**.
* Manage configuration of **Web** **App** and Deploy to **AWS cloud server through Chef.**
* Built workflow-based applications using **JBPM** workflow engine and designed workflow in **JBPM** editor, use provided API’S in **JBPM** engine to run business functions.
* Developed business processes/work flow and rules using **JBoss BPM/Rules**
* Implemented various **J2EE** design patterns like **DAO** pattern, Business Delegate, Value Object.
* Developed Business components and Services using **EJB3.0, JPA and JAX-WS** and deployed them in **Business tier application server**.
* Developed various Land registry office user interfaces, **Model Beans** and **DAO** using **JSF Framework.**
* Have written **Unit Test Cases** and **Integration Test Cases** using **Junit** framework.

**Environment:** Core Java, J2EE JSP, Servlets, JDBC, Collections, Generics, JUnit, Solr, Lucene, Struts, Spring, AWS, JBPM, Hibernate, Microservices, Eclipse, WebLogic Application Server 5.0, UML, SQL, NOSQL, Oracle 10g, Agile, Maven, SVN, Clear Quest.

**Client: Concur Technologies, Bangalore, India**

**Role: Web Developer Duration: Jan 2013 – Dec 2014**

**Responsibilities:**

* Worked on AGILE based development Environment and used SOAP based Web Services from scratch to develop interfaces to integrate between front end system and back end systems.
* Designed and Developed dashboard menu section, Home page, Admin home page, user module (Modify/ search users, create user's screens with assigning various roles) using Spring MVC framework, Hibernate ORM Module, Spring Core Module, XML, JSP, JQuery and XSLT.
* Research and Execution of **JavaScript Frameworks**, including Angular JS and Node JS.
* Configured and implemented **Spring AOP** for transaction management, logging and performance tracking and Used **Maven** to build and deploy the application.
* Involved in creation of Soap Web Services, WSDL and web methods with Annotation in hibernate, implemented Web Services in JAXP based on SOAP protocols using XML and XSLT.
* Hibernate outline work is utilized as a part of perseverance layer for mapping an article situated area model to a social database.
* Used **Spring DI**, **Spring DAP** and **JDBC** Template in the persistence layer for GPS, backend being Oracle10g.
* Responsible for creating tables in development schema and wrote oracle packages, procedures and functions in **Oracle 10g**.
* Used Web/application servers such as **Tomcat** and **JBoss**.
* Created test cases for DAO Layer and service layer using **JUnit** and bug tracking using **JIRA**.

**Environment**: Java 1.6, HTML 5, XML, Maven, Hibernate, Spring AOP, JSP, Spring MVC, Junit, JIRA 4.0, JavaScript, JQuery, Angular JS, Node JS, AJAX, JBoss, SOAP, JAX-WS, WSDL, Oracle 10g.  
Additional Information.

**Client: Bank of Baroda - Hyderabad, India**

**Role: Java/J2EE Developer Duration: Feb 2011 – Oct 2012**

**Responsibilities:**

* Involved in requirement analysis and documentation of workflows & functional diagrams.
* Designed J2EE framework, which generates different screens, based on access level using session beans, JSP & XML. Developed HTML forms & client-side validation using JavaScript.
* Wrote classes to parse XML to display data on UI.
* Implemented **Session Tracking** and **User Authentications**.
* Involved in designing and implementation of complete admin module using HTML, XML, JSP, Multithreading, servlets and **Java Beans** classes.
* Developed an environment where a JSP file is requested which in turn uses a Java bean that generates and sends a form associated to XML Schema.
* Experience working with **MySQL server**, stored procedure, design pattern, etc.
* Created multiple **web-based forms** using Tiles, Servlets, JSP, JSTL, and JavaScript menus.
* Implemented JSP custom tags, developed Struts Actions, Action Form, and Value Objects for presentation tier.
* Similarly, **JavaScript** applications were also developed to support validation and interaction for **presentation layer**.
* Implemented the nested tag concepts of the **Struts tag libraries**.
* Implemented Web Services to propagate business logics to different clients through **SOAP protocol**.
* Wrote Test scripts using **JUnit**.
* Used web services for data exchange using SOAP and WSDL.
* **Hibernate** was used for object/relational persistence and query service.
* **Log4j** was used of logging and debugging purposes.
* Interfaced with the client team and development team during acceptance testing and dry runs on the production systems.
* Developed **Action Classes** and **Java Beans** using Spring MVC architecture.
* Developed Service Classes for business logic and DAO's for Data Base.

**Environment**: Java/J2EE, Struts, JSP, Web logic, Oracle, SOAP, Multithreading, Web services, Hibernate, MySQL, Design Pattern, Shell script, Log4j, JUnit, Unix.