**Manihas Reddu**

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**Professional Summary:**

* Over 7+ years of professional IT experience with full project lifecycle development in Java/J2EE technologies with Requirement Analysis, Design, Implementation, Development, Testing, Maintenance and Deployment of software applications.
* Extremely well-versed in design patterns, methodologies, Software Development Life Cycle (SDLC) models (Waterfall, RUP, Agile, XP, RAD), high-level designs (UML, Visio), capturing functional requirements into use cases and translating those into detailed technical specifications.
* Highly experience with Java complaint IDE's like Eclipse, IntelliJ, WSAD, RAD 6, and Builder.
* Hands on Experience on Angular 2 technology for one complete project in rebasing the UI of the application using the techniques in Angular 2/4.
* Conducted detailed analysis to support designing and development of BPM applications.
* Expertise in the implementation of Core Java concepts of Java, J2EE Technologies: JSP, Servlets, JSF, JSTL, EJB transaction implementation (CMP, BMP, Message-Driven Beans), JMS, Struts, Spring, Swing, Hibernate, Java Beans, JDBC, XML, Web Services, JNDI, Multi-Threading, Data structures etc.
* Confluent Platform (Apache Kafka and its ecosystem) and Reactive Kafka
* Used Web Sphere Application Server, Web Logic Application Server, JBoss and Apache Tomcat in all my projects and successfully deployed and compiled many of the applications on them.
* Used Bootstrap and Angular.JS, React.js and Node.js in effective web design.
* Experience in developing with various open source frameworks: Java Server Faces (JSF), Spring Framework, spring (MVC), Spring Dependency Injection (DI), Hibernate ORM, Struts Framework, Struts Validation and Tiles Frameworks.
* Experienced as a Java/J2EE programmer, developing applications using Servlets, JSP, Struts, RMI, JDBC, Hibernate and MVC.
* Good knowledge with web-based UI development using JQuery UI, JQuery, ExtJS, CSS3, HTML, HTML5, XHTML and JavaScript.
* Experience with WebSphere Portal 7 development and IBM Workplace Web Content Management and Workplace Forms
* Strong proficiency in SMB POP IGMP SMTP and TCP/IP protocols
* Conduct in-house and public workshops and training seminars: Extreme Programming, Test-Driven Development, Agile Development, .NET Development, Design Patterns, "Communicating with Tests" seminar.
* Expert in Core Java 1.7, J2EE enterprise technologies - including Servlets, JSP, JDBC, Struts, spring IOC, Spring MVC, Spring Boot, Web services and web client technologies - including HTML5, CSS3, JQuery and Angular.js.
* Experience in DevOps tool chains and with cloud technologies like Docker, AWS, and Cloud foundry.
* Worked with different Java IDE'S includes RAD, Eclipse, IntelliJ Idea and NetBeans.
* Experience working with front-end technologies like HTML, CSS, JavaScript, JQuery and AJAX.
* Experience in software development and design using SOA middleware tools like IBM Business Process Management 7.5.1, 8.5.x (BPM), IBM WebSphere Integration Developer (WID), IBM WebSphere Process Server (WPS), IBM WebSphere Enterprise Service Bus (WESB), Business Process Manager (BPM), and IBM Datapower
* Technologies extensively worked on during my tenure in Software Development are Struts, Spring, CXF REST API, Webservices, SOAP, XML, JMS, JSP, JNDI, Apache, Tomcat, JDBC and various Databases like Oracle, and Microsoft SQL server.
* Experienced in Worked on NoSQL databases - Hbase, Cassandra & MONGODB, database performance tuning & data modeling.
* Strong Experience in working with Databases like Oracle 11g/10g/9i, DB2, SQL Server 2008 and MySQL and proficiency in writing complex SQL queries.
* Experienced in using database tools like SQL Navigator, TOAD.
* Hands on experience in Core Java, Servlets, JSP, JDBC, C#, JavaScript.
* Knowledge of Eclipse tool for the development of Java projects.
* Hands on experience Struts and Spring.
* Good experience in Shell programming.

**Technical Skills:**

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| **Languages** | C++, Java, J2EE, SQL/PLSQL |
| **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 |
| **No SQL Databases** | Cassandra, mongo DB |
| **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 Apr 2018 - Present**

**Role: Full Stack Developer**

**Responsibilities:**

* Used Java 8 features like stream and Lambda expressions
* Build microservices for the delivery of software products across the enterprise.
* Recommend and develop strategy for integrating internal security model into new projects with Spring Security and Spring Boot.
* Developed multiple J2EE MVC based web applications using J2EE technologies EJB Servlets and JSP patterns and popular open-source frameworks like Struts Spring Hibernate.
* Manage all CM tools (JIRA, Confluence, Artifactory, SVN, Maven, Jenkins, ANT, Git, GitHub, Visual Studio) and their usage / process ensuring traceability, repeatability, quality, and support.
* Create RFP (Request for Proposal) microservice to provide RESTful API utilizing Spring Boot with Spring MVC.
* Worked on advanced UI design and full stack development using MEAN stack.
* Used spring4 framework for Dependency Injection and integrated with Hibernate.
* Involved in developing Spring Beans and wiring their dependencies.
* Experience in Automation testing using Selenium Web Driver, JUnit and Maven.
* Developed and deployed solution using several new technologies, including Linux - Ubuntu, Drupal and Apache SOLR.
* Responsible for overall Docker & Kubernetes setup, configuration and Architecture.
* Experienced in using Cloud Foundry (CF) CLI for deploying applications and other CF management activities
* Experienced in installing and troubleshooting CF installations on IAAS (Azure, AWS etc.)
* Utilize Camel to integrate microservices with other microservices and RabbitMQ messaging exchanges.
* Used SVN Backbone as a version controller.
* Moved the project to Java 8 to extensively use Lamda expressions and have better connectivity to Cloud in addition adding Spring Boot Libraries and UI Enhancement.
* Experienced in MEAN stack advancement (MongoDB, CockroachDB, Express.JS, and AngularJS & NodeJS).
* Developed React.js applications using Redux architecture for front-end UI, and Node.js applications for backend.
* Used microservice architecture, with Spring Boot-based services interacting through a combination of REST and Apache Kafka, Spring4 message broker
* Developed bootstrap UI JS using with Angular JS, Hibernate4, NOSQL
* Developing micro services using Java Spring Boot and GoLang with Docker deployments
* Added routing and developed factories, worked on root level variables and functions
* Developed Unit and E2E test cases using Node JS.
* The tech stack is AngularJS, Express and innovative server side technologies like Node.js, MongoDB (MEAN Stack).
* Experience with Front-end JavaScript frameworks like Angular JS, Node JS. And with the creation of RESTful Web service.
* Created Type Script reusable components and services to consume REST API's using component based architecture provided by Angular 2/4.
* Experience in deploying the Cassandra cluster in cloud, on premises, data storage and disaster recovery.
* Involved in design and development of keyword-driven automation framework using Selenium Webdriver.
* Developed and Implemented new UI's using Angular JS and HTML, NOSQL, Java8.
* Experienced in Responsive Web Design technology with or without framework like Bootstrap.
* Worked on Solr, Elastic Search, Kafka, Flume, Mango DB, CockroachDB, and Cassendra
* Developed common reusable component libraries (CRUD Scaffolding) to be reused in different projects throughout the company's IT team using GWT, Sencha, spring data, JPA.
* Loaded data in elastic search from Datalake and Optimized the full search function using Elastic Search.
* Developed Framework components for Struts Presentation tier, Business tier and Resource tier
* Implemented application specific exception handling and logging frame work using Log4j, Hibernate4
* Implemented Apache Kafka to provide a unified, high-throughput, low-latency platform for handling real-time data feeds
* Involved in complete development of 'Agile Development Methodology/SCRUM' and tested the application in each interaction.
* Involved in with xml, MVC, Backbone, svn Synfony2.
* Worked with Angular.js routers, forms, modules, DOM, events, expressions, controllers, filters and Http Request.
* Developed the Application making use Java 8's new Streams API and parallel Streams to partition the streams.
* Experiences in Web Programming and User Interface Development having hand on experience on MySQL.
* Programming experience in node.js, mongo db, java and MySQL, NOSQL.
* Solved Production Support defects by using tool HP Tracing. Based on priority of the defect solve the all production support defects.
* Designed and developed the login portal using framework Angular 2 along with HTML5, CSS3 and Type Script.
* Extensively used Java 8 features (Lambda Expressions, Streams)
* Used Java 8 Method References feature to point to methods by their names and also used functional Interfaces.
* Written micro services using Spring Boot and Spring Data for Dynamo DB
* Used Subversion for activities tracking Version Controlling and Change Management that is tracking structure of folders, maintaining global revision number for the whole repository and Clear Case operations

**Environment:** Java8, J2EE, Servlets, JSP, HTML, Spring4, Hibernate4 DHTML, JavaScript, AJAX, JQuery, XML, XSLT, Eclipse, Spring Web MVC, NOSQL, Hibernate 4.0, SOAP, JSON, CSS, JAXP, JAXB, Oracle 11g, SQL, JUNIT, Java8 , Cloud Foundary , Reactive Systems, Reactive programming.

**Client: Capital Group, Irvine, CA Jan 2017 – Mar 2018**

**Role: Sr. Java Developer**

**Responsibilities:**

* Development, enhancement and testing of the Web Methods flow services and Java services.
* Used web services for interaction between various components and created SOAP envelopes.
* Implementation of Struts - Configuration Files, Validation Files, Interceptors, Filters, Listeners for Modules.
* Hands on experience in Html, CSS Java Script, BootStrap, Ajax, php.
* Developed and enhanced some configurable camel routes in framework using yml file configuration.
* Experience with container based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on GCP (Google Cloud Platform). Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy.
* Enhanced some spring boot starters which hold dependencies and code.
* Developed Junit tests, integration test using Mockito.
* Assisted Development teams to migrate applications to Docker based PaaS platform using Kubernetes.
* Experienced in defining Application Deployment Solution on Docker based PaaS environment and migrating applications to Kubernetes and Docker platform
* Used Elastic search for Real time analytics and a Full text search functionality
* Implemented Micro Services in our application as part of DevOps implementation using REST and Maven.
* Experience in working with the NoSQL, Mongo DB, and Apache Cassandra.
* Used micro service architecture, with Spring Boot-based services interacting through a combination of REST and Apache Kafka, Spring4 message broker
* Written micro services using Spring Boot and Spring Data for Dynamo DB
* Developed Framework components for Struts Presentation tier, Business tier and Resource tier
* Experienced in MEAN stack advancement (MongoDB, CouchbaseDB, Express.JS, AngularJS &NodeJS).
* Modularized front end CSS and JS code with Sass. Built a real-time mouse/click user analytics web service with Node.js
* Worked on Solr, Elastic Search, Kafka, Flume, MangoDB, CockroachDB and Cassendra
* Extract the data from Oracle and push to Apache Kafka Queue using Golden Gate.
* Implemented search engines by using Angular JS filter to make the data searchable and sortable.
* Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Experience in development of JavaScript for client side validations.
* Designed/developed UI with AJAX, HTML, DHTML and JavaScript for interactive web pages.
* Created Web Services (SOAP) between different components and also exposed few web services to client apps get metadata for the specific entities and documents.
* Developed the application using Struts Framework that leverages classical Model View Controller (MVC) architecture.
* Extensively developed stored procedures, triggers, functions and packages in oracle SQL, NOSQL, PL/SQL.
* Extensively used Java 8 features (Lambda Expressions, Streams)
* Used Java 8 Method References feature to point to methods by their names and also used functional Interfaces.
* Used microservice architecture, with Spring Boot-based services interacting through a combination of REST and Apache Kafka message broker
* Experience in using design patterns and UI frameworks such as MVC, Struts, Hibernate, NodeJS, and spring.
* Implementation of the Business logic layer for Mongo DB Services.
* Implemented the Animation and styling using CSS3 and JQuery.
* Developed logging module-using Log4J to create log files to debug as well as trace application.
* Developing data access layer using IBATIS -ORM and JDBC.

**Environment:** JAVA/J2EE, Servlets, JSP, Websphere Application Server 8.x, XML, HTML5, CSS3, XSD, XSLT, XPATH, JAXP, JAXB, WSDL, SOAP, JavaScript, Angular JS, Spring frame work-DI, AOP, MVC, Hibernate, REST, JAX-RS, CXF, IBM MQ Series, RAD.

**Client: Georgia Power, Atlanta, GA Apr 2015 – Dec 2016**

**Role: Java Developer**

**Responsibilities:**

* Involved in all the phases of SDLC including Requirements Collection, Design & Analysis of the Customer Specifications, Development and Customization of the Application.
* Designed and developed Application based on Spring Framework, Spring MVC and Spring templates.
* Used Spring Transactions in the application and developed Session beans for the business logic at the middle tier level.
* Used Spring Framework for Dependency Injection and integrated with Hibernate DAOs.
* Used Hibernate framework in persistence layer for mapping an object-oriented domain model to a relational database.
* Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Experience with container based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
* Involved in implementation of enterprise integration with Webservices and Legacy Systems using SOAP, and REST (Using Axis and Jersey frameworks).
* Kubernetes is being used to orchestrate the deployment, scaling and management of Docker Containers.
* Developed UI using HTML, CSS and JQuery to display the data on the client side.
* By using JQuery and Ajax sent the request to server side and receive the response.
* Involved in setting up Maven configuration and helping Continuous Integration (CI) Issues.  
  Used Spring Core for concept Inversion of control (IOC) implemented using dependency injection.
* Tested applications and documented results and bugs including documentation of information useful in the debugging process.
* Generated JUnit test cases for testing various Java components.
* Developed Object Model and UML design models for developing Use cases and created Sequence diagram, class diagram and active diagrams for application components and interfaces.
* Worked closely with various teams to resolve issues which include: Business, QA, Build& Deployment, Off-shore, Production Support teams.
* Mentored, trained and educating the users in technology perspective, worked through walk through and review sessions, closely worked with users, developers and team members in problem solving.

**Environment**: Agile, Java, Spring 3.0, Hibernate 3.0, AJAX, JMS, XML, SOAP, WSDL, REST, JDBC, JAX-WS, JavaScript, AngularJS, UML, HTML, JNDI, JAXB, SVN, Log4J, JUnit, WebSphere 8.5 Application Server, IBM RAD, Oracle 10g, Maven.

**Client: Concur Technologies, Bangalore, India Jan 2013 – Dec 2014 Role: Web Developer**

**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 Feb 2011 – Oct 2012**

**Role: Java/J2EE Developer**

**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.