# **Manasa**

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## **Professional Summary:**

* **Proficient 8+ years** of experience in all phases of **software development life cycle** (**SDLC**) including system design, development, production support and maintenance of various Web Applications using **Java/J2EE** Technologies.
* Substantial experience in **designing, coding, integration** and testing software implementations using Java/JavaScript involving development of Enterprise wide, Client/Server, Multi-tier, web-based applications.
* Experience on **J2EE** technologies including Core Java, Servlets, **JSP, JDBC, JNDI, JPA, JAX-WS, Struts, EJB**, and spring, Hibernate, **JMS, XML** and **Junit**.
* Designed CI/CD pipeline for ART and created Jenkins jobs for different roles within the ART.
* Involved in developing Web interface using **JSP**, JSP Standard Tag Libraries (**JSTL**) using spring Framework.
* Experienced in a fast-paced **Agile** Development Environment including **Test-Driven Development** (**TDD**) and Scrum. Hands-on experience with Reporting Tool Crystal Reports to create reports in various formats and tuning the performance.
* Designed front-end, data driven GUI using JSP, HTML, JavaScript and CSS.
* Vast knowledge of utilizing cloud technologies including Amazon Web Services (**AWS).**
* Involved in Analysis, Design, Development and Testing of object-oriented software and **REST** **based web** applications.
* Used GIT for version control, and Jenkins for Continuous Integration and Continuous Deployment (CI/CD)
* Designed, developed and exposed Restful APIs’ to implement interfaces with different clients.
* Experience in Core Java ideas like Collection **Framework, Multi-threading**, Generics, Serialization and Externalization.
* Was involved and responsible for managing **NoSQL** Clusters and experiences with other **NoSQL** Databases.
* Hands on Experience in **AWS** Cloud in various **AWS** Services such as RedShift, Cluster, Route53 Domain configuration.
* Operate and automate management of very large distributed On-Perm and Cloud based systems using **CI/CD** pipelines tools and automation.
* Worked on Rest Web services as well as Node Rest framework for backend services, used **Mongo DB** (**NoSQL)** for database services.
* DevOps process implemented through Atlassian Jira, Bamboo and Bitbucket.
* Employing Java Object/Relational bridge technologies such as Hibernate**, JPA**, and **spring**.
* Implemented persistence layer using Hibernate and developed the Data Access Layer to retrieve **JSON** documents related to customer.
* Configuring and Networking of Virtual Private Cloud (**VPC**) Written CloudFormation templates and deployed AWS resources using it.
* Implemented J2EE and J2SE design patterns like Singleton, DevOps, Business Delegate and DAO
* Involved in development of SOAP based web services using WSDL, JAXB, CXF, AXIS, JAX-WS and Restful web services using JAX-RS, CXF and JERSY APIs.
* End-to-end design, setup, integration and maintenance of **CI/CD** pipeline from source-control to production
* Designed and developed Restful service interface using Spring MVC to the underlying customer event API. Involved in building Restful Web services using JAX-RSAPI.
* Experience in developing **User Interface (UI)** Applications and professional web applications using **HTML**, **CSS, Bootstrap, JavaScript, JQuery, AJAX, RWD, JSON, XHTML and XML.**
* Strong experience in developing XML Schemas, **WSDL** documents, **XML** Parsing and Binding for Web Service development.
* Good understanding and exposure to **Unix/Linux** environments and shell scripting.
* Good understanding on latest approaches in **HTML5/CSS3** development, JavaScript Frameworks jQuery.
* Good Hands on Experience with JavaScript, **MVC Framework**, **AngularJS** and knowledge on other frameworks like Backbone.js, **Node**.**js**.
* Experienced in building cross browser compatibility applications using AngularJS and Node.js.
* Implemented and developed the **MVC** Architectural Pattern using **Struts** Framework including **JSP**, **Servlets**, **EJB**, Form Bean and Action classes.
* Developed pages using **Angular**.**JS** directives, expressions, routing capabilities for bookmarking, **filters**, validations and **Angular** **UI** components such as grid, **buttons**, carousels, date pickers, modal dialogs and other input components.
* Extensively worked on core Java concepts for backend coding which involves Collection **API** and multithreads.
* Configured AWS Identity and Access Management groups and users for improved login authentication.
* Extensively worked with **MVC** Architecture using **Apache** **Struts**, **Spring**, **Hibernate**.
* Experience in using Integration tools like **Jenkins**, **Cruise** control.
* Experience in making **SOAP** based **Web** Services using Apache CXF, JAX-WS and RESTful organizations like **JAX**-**RS**.
* Worked with various version control tools like **GIT**, **SVN** and build tools like **Maven**.
* Enough measure of involvement in **J2EE** Testing in creating experiments with **JUnit** for Unit testing, and logging utilizing Log4j.
* Used **Apache POI** to convert **XML** files to Excel files and to read Excel files.
* Very good experience in **OOAD**, **UML**, Rational Rose Methodologies.
* Experience in developing ExtJS components like **Grids**, **Toolbars**, **Panels**, Combo-Box and Button.
* Good Experience in working with the Document Object Model (**DOM**) and **DOM** Functions.
* Experience using all popular text-Editors like Eclipse, Brackets, Sublime Text and Notepad++.
* Expertise in database modeling and development using **SQL, T-SQL** and **PL/SQL** in Oracle and **SQL** Server environments.
* Experience in installing and configuring **MySQL**, **ORACLE** and **MongoDB** servers.
* Experience of working with RDBMS like **Oracle 8i/ 9i/ 11g, 12c, MySQL, SQL** Server and developing Stored Procedures, Triggers, Views, Functions and **SQL** Queries.
* Proficient in programming by using the IDE's such as Eclipse**, My Eclipse, RAD, Net Beans.**
* Hands on experience with **Multi-Threading** and Collections Frameworks.

**TECHNICAL SKILLS:**

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| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking |
| **Programming Languages** | Java JDK1.5/1.6/1.7, C, UNIX Shell SQL, PL/SQL |
| **Application/Web Servers** | Oracle/BEA WebLogic 8.1/9.1/10.3, IBM WebSphere 5.1/6.0/6.1/7.0, JBoss, Tomcat 5.0.28/6.0 |
| **Frameworks** | Struts 2.x/1.x, Spring 3.x, Hibernate 3.x, JSF 1.2/2.0 |
| **IDEs** | Eclipse 3.x, IBM WebSphere Application Developer 5.x, IBM RAD |
| **Web technologies** | JSP, JavaScript, jQuery, AJAX, XML, XSLT, HTML, DHTML, CSS, Backbone JS, React JS, Ext JS, Node JS, Perl |
| **Web Services** | JAX-WS, JAX-RPC, JAX-RS, SOAP, WSDL, UDDI , RESTApi |
| **XML Tools** | JAXB, Apache Axis, Altova, XMLSpy |
| **Methodologies** | Agile, Scrum, RUP, TDD, OOAD, SDLC |
| **Modeling Tools** | UML, Rational Rose, Visio |
| **Testing technologies/tools** | JUnit, JMeter, HTML Unit. |
| **Database Servers** | Oracle 8i/9i/10g, DB2, SQL Server 2000/2005/2008, MySQL,Mongo DB, NoSql, AWS |
| **Version Control** | CVS, SVN, Rational ClearCase, ClearQuest |
| **Build Tools** | ANT, Maven |
| **Operating Systems** | Windows 8/ 7/ XP/ 2000/NT/98/95, Linux, MS-DOS, UNIX |
| **Build Tools** | ANT, Maven |

**PROFESSIONAL EXPERIENCE:**

**CLIENT: Guide One, Des Moines, IA Mar’2017 – Till Date**

**ROLE: Full Stack Developer**

**Responsibilities:**

* Designed and coded application components in an Agile/TDD environment utilizing a test-driven development and SDET approach and pair-programming.
* Developed the application using spring framework that leverages model view layer architecture, also configured Dependency Injection.
* Used Hibernate ORM tools which automate the mapping between SQL databases and objects in Java.
* Integrated the application with Spring-MVC using Spring Boot, Spring Dependency Injection (DI), and Spring Annotations.
* Working knowledge on Microsoft Azure Cloud and Cloud-based infrastructure tools and components (AWS)
* Design of GUI using Model View Architecture (STRUTS Frame Work).
* Each Provision request that comes to RLCM is processed and sent to Match Maker Via RestAPI.
* Integrated Spring DAO for data access using Hibernate.
* Utilized Java 8 features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application.
* Created hibernate mapping files to map POJO to DB tables.
* Involved in the Development of Spring Framework Controllers.
* Focus on continuous integration and deployment(CI/CD), promoting Enterprise Solutions to target environments.
* Extensively used Jenkins for CI/CD of the application.
* Developing application using spring core module and POJO's using Eclipse and worked on Messaging service.
* Used SOAP based web services from scratch to develop interfaces to integrate between front end systems and back end systems.
* Implemented RESTful web services to retrieve data from client side and made RESTAPI calls from AngularJS and parsed the data to project client and handled the security and Authorization using Spring Security &OAuth2.
* Designing and implementing CI (Continuous Integration) system: configuring Jenkins servers, Jenkins nodes, creating required scripts (Perl & Python), and creating/configuring VMs (Windows/Linux).
* Designed and developed the XSD for WSDL.
* Deployed and Monitored Micro Services Using Pivotal Cloud Foundry, also Managed Domains and Routes with the Cloud Foundry.
* Developed controller classes using Struts and tiles API
* Developed necessary parsing and XML construction logic using XML parser APIs JAXB
* Refactored, re-architected, and enhanced an existing AngularJS application to follow strict MVVM/MVC patterns for improved source code maintenance.
* Worked on end-to-end design, setup, integration and maintenance of CI/CD pipeline from source-control to production.
* Experienced in front End technologies HTML5, CSS3, JavaScript, Bootstrap, jQuery, Angular JS, ReactJS, Backbone.js, Node JS, Tag Libraries, AJAX and Ext Js used for Responsive web page designing.
* Used Spring MVC framework for developing web application.
* Implemented the debugging functionality in an application by using Apache LOG4J framework.
* Currently working on fitness tool which aids in Test Driven Development.
* Used JMS for the asynchronous exchange of critical business data and events among J2EE components and legacy system.
* Customized RESTful Web Service using Spring RESTful API, sending JSON format data packets between front-end and middle-tier controller.
* Developed REST API's using Spring MVC and Spring boot, hosted micro services on AWS, used elasticbenstalk to setup application and configured environments.
* Orchestrate software updates and verify functionality Changing the AWS infrastructure Elastic Beanstalk to Docker with Kubernetes.
* Responsible for back end development as well as Rails with Json and Rest API on the front end.
* After generating JASON-LD data the data again posted into apache Kafka.
* Designed and developed the application using Java Server Faces (JSF) framework.
* Developed User Interface in JSP, JavaScript and HTML with Backbone JS Framework.
* Designed and developed REST-ful style Web Service layer and WSLD.
* Implemented a generic interface to Hibernate criteria API for UI search functionality.
* Developed SQL, PL/SQL, stored procedures along with Shell Scripting- database application scripts.
* Created Oracle store procedures for handling and processing complex data-based logics.
* Experienced in working with multiple databases like Oracle, SQL Server, MySQL, DB2, NO-SQL DB.
* Implemented a Continuous Delivery pipeline with Docker, Jenkins, GitHub, and AWS.
* Worked on migration Microsoft azure service to AWS service for a project.
* Deployment of web, enterprise java components, messaging components and multi-threading.
* Used the GWT framework to design the UI components as Grid and widgets.
* Worked on Mule ESB Integration to integrate external components like JMS Queue and other applications.
* Developed XML Schemas - XSD, DTD for the validation of XML documents, also used Subversion.
* XML (SAX and DOM API, JDOM), XSLT was used for informative view.
* Used XML web services using SOAP to transfer the amount to transfer application that is Used SWING for GUI based coding.

**Environment:** Java8/JDK, J2EE, JSP, PL/SQL, Spring boot, Cassandra, EJB , Azure, Mule ESB, MAVEN, JMS, JNDI, Oracle12c, XML, DOM, SOAP, Junit, Linux, JSF, Spring Boot, Micro Services, AWS, WebSphere , apache Kafka, GWT, Hibernate ,NoSql, Jenkins , JDBC, JESS, REST-full Web service, Docker , WebLogic , Angular 4/2, JBoss, SOA, Tomcat.

**CLIENT: Citizens Bank, Providence, RI Jan’ 2016 – Feb’ 2017**

**ROLE: Sr. Java Developer**

**Responsibilities:**

* Worked with Spring MVC Framework to Design and Develop the Application.
* Developed Server-side components with Servlets, JSPs.
* Implemented Data validations for critical functionalities using Angular2 and JavaScript.
* Responsible for pagination for the application by integrating spring framework with Angular JS and jQuery for creating behavioral aspects of the web page.
* Developed User Interface by using Angular2, HTML5, Spring Web Flow, XHTML, DHTML and CSS3.
* Functionalities include writing code in HTML, CSS, JavaScript, JQuery, Ajax, JSON, Angular JS, Spring Boot and Bootstrap with MySQL database as the backend.
* Developed API, Composite and Core Micro services.
* Developed API'S which can support both REST and SOAP.
* Used various Core Java concepts such as Multi-Threading, Exception Handling, Collection APIs to implement various features and enhancements.
* Setting up AWS Oracle RDS databases for new project, use data pump to migrate data to Relational Database Services (RDS). Ran docker compatibility testing on various Linux distros, Amazon (AWS).
* Used Hibernate/JPA to interact with Oracle database. Worked with Hibernate API for CRUD operations on the tables.
* Developed CI/CD solutions for running an AngularJS application from a Tomcat container using Jenkins.
* Created RFP (request for proposal) micro services to provide Restful API using Spring boot with MVC and to build micro services for delivery of software Updates.
* Setting up AWS Oracle RDS databases for new project, use data pump to migrate data to Relational Database Services (RDS). Ran docker compatibility testing on various Linux distros, Amazon(AWS).
* Used Spring Boot for the application development.
* Integrated the application with Spring-MVC using Spring Boot, Spring Dependency Injection (DI), and Spring Annotations.
* Worked on Swagger spec to create API using a specific JSON or YAML schema that outlines the names, order, and other details of the API.
* Experience in CI/CD pipelines, strong background in Build and Release Management and Cloud Implementation all within that suites the needs of an environment under DevOps Culture.
* Using Docker, Jenkins, VMWare, Ansible and GitLab.
* Involved in coding, maintaining, and administering Servlets, and JSP, JSF components to be deployed on a Web Logic Application server and Apache Tomcat 6.0 application servers.
* Used Spring Core Annotations for Spring Dependency Injection (DI) and Spring MVC for REST API’S and Spring Boot for micro-services.
* Designed and implemented a stream filtering system on top of Apache Kafka to reduce stream size.
* Created Typescript reusable components and services to consume REST API's using Component-based architecture and reusable templates using Angular2 directives and worked with NPM package manager tools (Node JS).
* Used Web Sphere Application for building, testing and deploying application locally.
* Designed and developed a micro-service using Spring Boot and Spring Data for Spotlight to access customer data stored in Amazon Redshift.
* Deployed J2EE applications in WebSphere application server by building and deploying ear file using ANT script.
* Involved in the migration of Xfinity Services Platform (XSP) from legacy Java services into Micro services architecture, decomposing monolith applications in a set of discrete services.
* Configured IBM WebSphere portal server to manage portal pages, portlets and to apply security constraints for the portal pages.
* Strong Experience in development & tuning of packages, stored procedures and triggers using PL/SQL.
* Used Spring Boot framework for building cloud Micro Services and to develop Spring based application radically faster with very less configuration.
* Have worked on Oracle10g database for storing and retrieving the application data.
* Used Log4j to print the logging, debugging, warning, info on the server console.
* Implemented Restful and SOAP based web services layer to interface with ORACLE and DB2 database using Jersey-ws, JAX-WS, JAX-RS and JAXRPC API's.
* Configured texml files for Spring Security injection to ensure the back-end security by discriminating the role of users as well as access authority for the URIs and Server-side assets.
* Written test cases in JUnit for unit testing of classes.
* Large Object Tuning (JVM Tuning) to reduce risk with heap fragmentation, consumption, high memory utilization and improve the stability. Profiler is used for JVM tuning. Used Apache JMeter for performance tuning and profiling testing.
* IDE used for development is IBM Rational Application Developer (RAD) and Eclipse.
* Used Jira for bug and issue tracking. For Logging, we used Log4j Mechanism.

**Environment:** Java/J2EE 1.6, Spring 3.0, Hibernate, Spring Boot, Web Sphere portal 5.1, WebLogic Application Server 10g, Apache Tomcat 6.0, Angular2, Linux, Micro Services, Spring Boot, JSP, RESTFUL Web Services, SQL, Aws, ORACLE, PL/SQL, MYSQL, HTML, CSS, JMS, Java Script, jQuery, XML, XSLT, AJAX, Maven, Agile, Jenkins, JavaScript, AngularJS, JUnit 3.8, Log4j, JSP, JSON.

**CLIENT: Bed Bath & Beyond, NJ** **Jan’2014 – Dec ‘2015**

**ROLE: Java Developer**

**Responsibilities:**

* Worked on Agile Scrum methodology and involved in stand-up meetings to monitor the progress.
* Involved in Requirements gathering, analysis, design and documentation of the application.
* Implemented Java EE components using Spring MVC, Spring IOC, spring transactions and spring security modules.
* Developed Microservices using Java Spring Boot, Hibernate, Restful services with good quality of code
* Configured spring Integration xmls to route request to respective databases.
* Developed applications using Spring Boot and Micro services Architecture.
* Building application with JS frameworks such as React.JS, Angular.js.
* Used MongoDB in conjunction with the AWS S3 for storing the metadata information on MongoDB collections.
* Developed JavaScript validations on the client side and Restful API call for server side for the SLCSP Tool.
* Developed CI/CD system for deploying back end infrastructure as well as front end application
* Developing large scale APIs.
* Developed Graphical User Interfaces by using JSP, HTML, CSS, and JavaScript.
* Responsible for validation of Client Interface using JavaScript and jQuery.
* Used popular Node.js frameworks like Express and Rectify to mock a Restful API.
* Developing the Algorithms depending on the required sources of the project.
* Used Spring ORM module to integrate with Hibernate.
* Worked on Docker container to create Docker images for different environments.
* Worked on Java Script libraries like jQuery and JSON.
* Migrating the legacy monolithic struts application to Micro services platform.
* Created and executed unit test programs using Spring Boot test platform which included frameworks such as Junit, Mockito, Spring Test, Ham crest, and Assert.
* Implemented Oauth2 solutions using Spring Cloud, User accounts and API keys.
* Developed Kafka producer and consumer components for real time data processing.
* Developed and continuously deployed java-based applications using CICD Pipeline techniques.
* Experience writing angular.js code for developing Single page applications (SPA), used several in built language core directives, expressions and modules.
* Having experience in various RDBMS databases like Oracle, SQL server, MySQL. And NoSQL database like MongoDB.
* Possess strong working knowledge of Database Programming using SQL, PL/SQL, Triggers and Stored Procedures.
* Developed the Dynamic UI form component using Angular4 features to generate the Reactive UI forms easily and quickly based on the UI Meta data stored in MySQL database.
* Created Mongo DB/NoSQL collections. Developed Server-side automation using NodeJS scripting and connecting different types of SQL and NoSQL stores.
* Created new customized issue type in JIRA for tracking custom requests in JIRA.
* Used GIT as version control systems to maintain the source code.
* Used Log4J to capture the logging information and JUnit to test the application classes.

**Environment:** Java, JSP, Java Script, Core Java, jQuery, Spring MVC Framework, Spring Boot, Elastic search, Log4j, JUnit, CICD, JBoss, Docker, Microservices, Azure, Angular Js , Elastic Search, Maven, Kafka, GIT, JIRA, ESB, React.JS, Web Logic, SVN, Web Services, WSDL, SQL, PL/SQL, SQL Server Management Studio, Oracle.

**CLIENT: United Health Group, Bengaluru, India Jan’2012 – Aug’2013**

**ROLE: Java Developer**

**Responsibilities:**

* Involved in Technical software and application design, Collaborating and consulting with business analysts.
* Developed web application using J2EE, Spring, JPA, Web Services and Oracle Database.
* Implemented spring transaction management for database transactions.
* Worked on enhancements with the existing application which was implemented using MVC paradigm, implemented by Spring Framework.
* Worked with Spring annotations like Request Mapping, Auto-wired, Qualifier, and Primary etc.
* Worked with Ajax and jQuery to meet the business requirements across the application.
* Designed application interfaces using J2EE, XML/SAOP, WSDL, Web Services and Servlet.
* Designed and developed user interfaces using JSP, Java script, XML, XSL and HTML.
* Used Subversion for Versioning and concurrent access to the project files.
* Implemented Data Access Objects (DAO) to access the Oracle database using Spring DAO.
* Implemented web services using Spring-Rest and developed delegated services to access other web services.
* Created and tested Mockito test cases for Unit testing.
* Involved in writing SQL queries as Creating & Modifying Stored Procedures, Views, Functions, Tables, and Indexes.
* Used Maven as a build tool and Tomcat webserver for deploying the application.
* Used log4j to capture the log that includes runtime exceptions and debug information.
* Written SQL queries for Performing CRUD Operations using JDBC.
* Designed Screens using HTML, CSS5, JavaScript and images.
* Administering the SQL Server by creating user logins with appropriate roles, dropping and locking the logins, monitoring the user accounts, creation of groups, granting the privileges to users and groups.
* Involved in creating Unit Test plans and executing the same.
* Detail-oriented team player with Great analytical and demonstrable communication skills.
* Ability to work under minimal supervision and interested in learning new technologies.
* Reviewing Low level design, code, unit test documents produced by team members.
* Participated in daily SCRUM meetings and give the daily status report.
* Provided feedback and technical guidance to Project Managers on issues of critical importance to achieving business objectives.

**Environment:** Spring MVC, Hibernate, C++, Java, JSP,AWS, HTML, CSS, Java Script, Ajax, Oracle, Xml, SVN, JIRA, Swings, Tomcat Server, Maven, Restful API, Oracle 11g, SOAP, WSDL, JDBC, DAO, JDBC.

**CLIENT: Axis Bank, Hyderabad, India Aug’2009 – Dec’2011**

**ROLE: Jr. Java Developer**

**Responsibilities:**

* Involved in the discussions with business users, testing team to finalize the design documents and story point's allocation for user stories.
* Followed Scrum Agile methodology for iterative development of the application.
* Used core Java to build new functionality based on the requirements.
* Involved in core java concepts - Interfaces, Collections, Multithreading, Serialization and java features etc.
* Developed JavaScript and jQuery functions for all Client-Side Validations.
* Designed & Developed User Interfaces using Ext JS UI Framework, HTML5, CSS3, JSP, Struts.
* Used ANTLR recognition tool to find the relation between the dependent controllers, Objects, workflows and triggers across various Org.
* Good Experience in SOA engineering and Microservices Architecture utilizing REST and SOAP Web Services.
* Worked with SQL, Stored procedures, Triggers, PL/SQL programming and JDBC.
* Written SQL Queries to interact with Oracle database.
* Web application development for back end using Angular JS and Backbone JS.
* Used XML applications to create XML strings send and receive data from Mainframe Martens.
* Generated the Model part of MVC with spring and Hibernate Framework.
* Extensive experience in development and implementation of ORM framework like Hibernate integration with Struts and spring.
* Used String Template for code generation since the possibility of duplicate code for primitive collections is high.

**Environment:** Java (JDK 1.7), J2EE, JPA, spring 4.0, MVC, Eclipse, JUnit, JSP, XML, String Template, Web Services (SOAP, REST), Web Sphere as application server, SQL, PL/SQL, HTML5, CSS3, JSP, Structs, jQuery.