# **Manasa**

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## **Professional Summary:**

* **Proficient 7+ 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**.
* 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.
* Secured application by using **JWT** token.
* Used develop the security system and JWT with bearer token for Web API security using UI-route custom authorization method for angular application.as proxy to interact with Rest services and with Database, building real-time **Web API's.**
* Experience in Core Java ideas like Collection **Framework, Multi-threading**, Generics, Serialization and Externalization.
* Developed web services using **Loopback 3 and Node JS.**
* Implemented Object-relation mapping in the persistence layer using hibernate framework in conjunction with spring functionality.
* Well versed with Oracle, Mongo DB and SQL databases
* Created **Swagger** API for Microservices and provide them to end users for service definitions.
* 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.
* Worked with Microservices using J2EE Web Services based on Spring Boot and created dynamic documentation of RESTful endpoints using Swagger API.
* Good understanding on latest approaches in **HTML5/CSS3** development, JavaScript Frameworks jQuery.
* Created crypto services in Node JS for open API, MDES, Master pass, BPMS systems of MasterCard.
* 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.
* Facilitated Angular 2 + Spring boot + Mongo DB integration for the entire project.
* 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**.
* Good Knowledge in documentation of REST APIs using Swagger and **WADL.**
* 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.
* Used Mongo **DB of Mongo** repository for data storage and retrieval.
* 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.
* 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.
* Designed and developed custom **Mongo** applications specific to clients' needs and proficiency in multiple databases like MongoDB, Cassandra, **MySQL**, **ORACLE** and **MSSQL** Server. Worked on MongoDB database concepts such as locking, transactions, indexes, Sharding, replication, schema design.
* 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.**

**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, JWT |
| **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 , Swaggers |
| **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 |
| **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: Citizens Bank, Providence, RI 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.
* Design of **GUI** using Model View Architecture **(STRUTS Frame Work).**
* Integrated **Spring DAO** for data access using Hibernate.
* Created hibernate mapping files to map **POJO** to **DB** tables.
* Involved in the Development of Spring Framework Controllers.
* Worked on highly advanced user interface design and development using JavaScript, Angular 4, Node JS, HTML5 and CSS LESS/SASS.
* Implemented **Swagger** framework for RESTful web services documentation. Used **Swagger** annotations to generate **Swagger** documentation.
* Worked with POST Man to test and write test cases for REST Web services and SOAP UI to test SOAP web services.
* 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.
* Designed and developed the **XSD** for **WSDL**.
* Developed user interface using **JSP**, **JSP** Tag libraries **JSTL**, **HTML5**, **CSS3**, **JavaScript**, **Angular 4** to simplify the complexities of the application.
* Implemented load-balancing with NGINX to allow dozens of Node JS instances to handle thousands of concurrent users.
* 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.
* Develop the security system and JWT with bearer token for Web API security using UI-route custom authorization method for angular application.
* Data sources from Injection microservices produce and consume data from apache Kafka to enhance data from enhancer microservices.
* Developed User Interface in **JSP**, JavaScript and **HTML** with Backbone JS **Framework**.
* Used gulp task runner to observe changes in project, with installation of latest versions of Node JS environment.
* 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.
* Have Knowledge in MEAN stack development which includes Angular JS, Express, Node.JS and Mongo DB.
* 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**.
* 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.
* Used spring boot framework to create properties for various environments and use yamls for configuration.
* Used Mule **ESB** framework status report.
* 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, JWT, Swaggers, JNDI, Oracle12c, XML, DOM, SOAP, Junit, Linux, JSF, Spring Boot, Micro Services, WebSphere , apache Kafka, GWT, Hibernate , Mongo DB, Jenkins , JDBC, JESS, REST-full Web service, Docker , WebLogic , Angular 4/2, JBoss, SOA, Tomcat.

**CLIENT: Guide One, Des Moines, IA 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.
* Used various Core Java concepts such as **Multi**-**Threading**, Exception Handling, Collection **APIs** to implement various features and enhancements.
* Worked with spring security and OAuth2 for authentication and authorization of microservices and configured **Swagger** UI to automate the API documentation for the generating microservices.
* 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.
* Experience with Front-end JavaScript frameworks like Angular JS, Node JS. And with the creation of RESTful Web service.
* Used **Spring Boot** for the application development.
* Integrated the application with **Spring-MVC** using **Spring Boot**, **Spring Dependency Injection (DI)**, and Spring Annotations.
* Redesigned and re-implemented services using NGINX, Node JS, Express JS, Mongo DB, and MySQL.
* 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 Eclipse as IDE tool and JIRA for bug and issue tracking, Anypoint Studio for Mulesoft. Created Swagger API for control flow.
* 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.
* Implement Nosql persistence layer for Pricing using **Mongo DB.**
* 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.
* 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.**
* 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, Mongo DB, Apache Tomcat 6.0, Angular2, swagger, Micro Services, Spring Boot, JSP, Apache Kafka, Maven, Unix, Cassandra, RESTFUL Web Services, SQL, ORACLE, PL/SQL, MYSQL, HTML, CSS, JMS, Java Script, jQuery, XML, XSLT, AJAX, Maven, Agile, Jenkins, JavaScript, AngularJS, JUnit 3.8, Log4j, JSP, JSON, JWT.

**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.**
* Developed **Graphical** **User** **Interfaces** by using **JSP**, **HTML**, **CSS**, and **JavaScript**.
* Used **Swagger** to describe Restful APIs and Javadoc documentation.
* 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**.
* 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 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**.
* Used Swagger to describe Restful APIs and Javadoc documentation.
* 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, Log4j, JUnit, CICD, JBoss, Docker, Microservices, Azure, Angular Js , JWT,Kafka, GIT, JIRA, ESB, Node.JS, Web Logic, SVN, Web Services, WSDL, SQL, PL/SQL, Mongo DB, SQL Server Management Studio, Oracle, Swagger.

**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.
* Implemented modules into Node JS to integrate with designs and requirements.
* Written **SQL** queries for Performing **CRUD** Operations using **JDBC**.
* Designed Screens using **HTML**, **CSS5**, **JavaScript** and **images**.
* Used Node JS for heavy DOM manipulation.
* 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, HTML, CSS, Java Script, Ajax, Oracle, Xml, SVN, JIRA, Swings, Tomcat Server, Maven, Restful API, Oracle 11g, mongo DB, SOAP, WSDL, JDBC, DAO, JDBC, jode.js, jwt.

**CLIENT: Axis Bank, Hyderabad, India June’2010 – 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.