# **Manasa**

# **Email: manasa55599@gmail.com**

# **Phone: +1 (978)- 710- 9403**

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## **Professional Summary:**

* **Proficient 6+** 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.
* Hands on Experience in AWS Cloud in various AWS Services such as RedShift, Cluster, Route53 Domain configuration.
* Implemented a Continuous Delivery pipeline with Dockers, Jenkins and Github.
* Whenever a new github branch gets started, Jenkins automatically builds a new Dockers container from it.
* Experience in Core Java ideas like Collection Framework, Multi-threading, Generics, Serialization and Externalization.
* Leveraged new requirements and built new API’s in Node, Express, and Swagger from scratch.
* Created Yaml file to push the application in Pivotal Cloud Foundry(PCF)
* Employing Java Object/Relational bridge technologies such as Hibernate, JPA, and spring.
* 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.
* Implemented Spring Boot MS on Dockers Container and Eureka server.
* Configuring and Networking of Virtual Private Cloud (VPC) Written CloudFormation templates and deployed **AWS** resources using it.
* 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.
* Orchestrate software updates and verify functionality Changing the **AWS** infrastructure Elastic Beanstalk to Docker with Kubernetes.
* Written Microservices to export/import data and task scheduling using Spring Boot, Spring and Hibernate. Also Used Swagger API tools while developing the microservices
* Converted existing API’s from Mule and Spring to Node, Express, and Swagger.
* 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.
* Experience with Docker containers and orchestration platforms such as Amazon Elastic Container Service, Kubernetes, Mesos & Docker Swarm.
* 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.
* Developed database system using Mango DB Aggregation.
* 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.
* Good experience with Relational databases like Oracle, My SQL and No SQL databases like Mongo DB and Dynamo DB.
* Expertise in database modeling and development using SQL, T-SQL and PL/SQL in Oracle and SQL Server environments.
* Exposure to Oracle, DB2, and MySQL databases in developing applications using SQL Scripts, Stored Procedures.
* 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.
* 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, sprint MVC, 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 |
| 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, SQL |
| Version Control | CVS, SVN, Rational ClearCase, ClearQuest, Jenkins |
| 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: Sr. Java 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.
* Involved in the Development of Spring Framework Controllers.
* 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.
* Configured AWS Identity and Access Management groups and users for improved login authentication.
* Designed and developed the XSD for WSDL.
* Developed user interface using JSP, JSP Tag libraries JSTL, HTML5, CSS3, JavaScript, Angular4 to simplify the complexities of the application.
* Deployed and Monitored Micro Services Using Pivotal Cloud Foundry, also Managed Domains and Routes with the Cloud Foundry.
* Created shell scripts in Linux.
* Refactored, re-architected, and enhanced an existing AngularJS application to follow strict MVVM/MVC patterns for improved source code maintenance.
* 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.
* Used JMS for the asynchronous exchange of critical business data and events among J2EE components and legacy system.
* Vast knowledge of utilizing cloud technologies including Amazon Web Services (AWS), Microsoft Azure and Pivotal Cloud Foundry (PCF)
* Data sources from Injection microservices produce and consume data from apache Kafka to enhance data from enhancer microservices.
* Designed and implemented infrastructures including CI/CD stack in GCP and java using Swarm, Kubernetes, Helm, Drone.io, and Traefik
* Responsible for the maven setup of the project along with deployment to Docker, worked with Docker Containers and building images Dockers file.
* Created Auto deploy jobs using Jenkins and Gradle.  
  Developed REST API's using Spring MVC and Spring boot, hosted micro services on AWS, used elastic benstalk to setup application and configured environments.
* 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.
* Write yaml based configuration files and integrate with angular, node.  
  Implemented a generic interface to Hibernate criteria API for UI search functionality.
* Experienced in working with multiple databases like Oracle , SQL Server, MySQL, DB2,NOSQL 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.
* Used spring boot framework to create properties for various environments and uses 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, sprint MVC, Cassandra , EJB , Azure, Mule ESB, MAVEN, JMS, JNDI, Oracle12c, XML, DOM, SOAP, Junit, Linux, JSF, Spring Boot, Micro Services, Dockers, WebSphere , apache Kafka, GWT, Hibernate , Jenkins , JDBC, JESS, REST-full Web service, Docker , Jenkins, WebLogic , Angular 4/2, JBoss, SOA, Tomcat.

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

**ROLE: 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, AngularJS, Spring Boot and Bootstrap with database as the backend.
* 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 Node.js and Mango DB for application for the company use.
* Used Spring Boot for the application development.
* Integrated the application with Spring-MVC using Spring Boot, Spring Dependency Injection (DI), and Spring Annotations.
* 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.
* Developed the application under Core Java, J2EE Architecture using REST, JBoss, Node.js, backbone.js, EXT JS, spring, Struts, Hibernate, Servlets, Web logic, Swing, Agile, Eclipse, Jenkins, and JSP.
* Deployed J2EE applications in WebSphere application server by building and deploying ear file using ANT script.
* 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.
* Filled in as a QA Team Member to test projects being built internally and as well as externally.
* 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, Dockers, 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.

**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.
* 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.
* Designed and created e-comers' application for the company using Node.js, Express. Js and Mango DB.
* 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
* Implemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS AMI's.
* 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, Jenkins, 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: Jr. 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, 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, 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.
* Used build technologies like Hudson, Jenkins, Ivy, Maven, Gradle, NuGetetc., Integration and automation of source control applications like TFS, SVN, Git, Arti factory.
* 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, SOAP, WSDL, JDBC, DAO, JDBC.