# **Manasa Ghattamaneni**

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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.
* Having exposure to and involvement in different phases of the software Development Life Cycle (**SDLC**), testing, deployment, installation and user training of software and database design.
* Expertise in designing ASP.NET based Graphical User Interfaces with **CSS**, **JavaScript**, **AJAX**, **jQuery**, **AngularJS**, **Bootstrap**, **Multithreading** and **HTML**.
* Extensive experience in designing and developing software applications with the **JDK** […] **J2EE**, EJB, Annotations, Java, JSP, Servlets, **Java Beans, AJAX, JMS, JDBC, JAXP, XML, JavaScript**, **jQuery**, **CSS**, **Web** **Services**, **SOAP**.
* Expertise in developing **Master Pages**, **CSS** to separate content of document from its presentation, **JavaScript** to perform Client-side validation and **AJAX** to develop interactive web applications.
* Experience in building single page applications (**SPA**) using **HTML/HTML5, CSS/CSS3, JavaScript, AngularJS, Angular 2.**
* Extensively used **Java Collections**, Generics, Exception Handling and Lambda expressions.
* Experience in client-side web development and validations using **HTML, HTML5, DHTML, CSS**, **Java Script, AJAX**.
* Hands on experience in **JAAS, JAVA SAP** Integration, **SSO**, Site Minder.
* Experience in Client-Side **debugging** tools such as **Firebug**, **Fiddler** and **SOAP UI**
* Strong knowledge of object oriented concepts and experience working with languages like **C#**, **C++** and **Java**.
* Having good understanding of various **J2EE** Design patterns like Singleton, Front Controller, Business Delegate, Service Locator, **DAO, VO** etc. Proficient in using **GOF** **JAVA design patterns.**
* Design and GUI development in Windows Presentation Foundation(**WPF**) and Windows Forms
* Proficient in building Web Applications using **HTML5**, **XML**, **AJAX**, **JavaScript** **(jQuery**, **AngularJS**), **Bootstrap** and **CSS** in a Client/Web Server environment.
* Expertise in using **Java/J2EE** design patterns including Intercepting Filter, **MVC**, Singleton, Data Access Object, Data Transfer Object, Service Locator, client-server and N-tier architectures.
* Developing and supporting **UNIX/Linux Korn shell scripting**.
* Used **MAVEN** as build-tool for building **J2EE** applications.
* Using Jenkins and **GIT** for building and deploying the projects and worked on **Stash** **GIT** repository software.
* Strong knowledge of Design including **J2EE** Design Patterns Singleton, **MVC**, **DAO**, Business Delegate, Front Controller.
* Experience with Linux Bash Shell Scripting, WinSCP, Putty and **Stash**.
* Used **JIRA**, **Stash**, Confluence, Splunk, Git, Source tree to provide tier 1 support for developer and operations staff.
* Designed and Developed reports using **SSRS**. Reports were developed against a variety of data sources which included **SSRS**.
* Created **LINQ** enabled database layer using **API** such as **LINQ** to SQL and **Entity Framework**.
* Advanced skills **in Unix/Linux shell programming**.
* Good Knowledge in building and deploying applications using Git, Grunt, Ant, Maven and **Bamboo** scripts.
* Used Maven for generating system builds and **Bamboo** for continuous integration (CI).
* A Good team player with excellent communication and inter-personal skills with a positive attitude towards work, loyalty towards time schedules for worthful delivery.

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

**ROLE: Java /J2EE Developer**

**Responsibilities:**

* Involved in initial requirement gathering. Played an active role in analyzing, documenting and designing the application.
* Played an active role in creating business document, functional document, Technical document.
* Developed **J2EE** web application using the **Java 7**, multi-threading, Spring **MVC** 4.1.0, Oracle JDBC and implemented caching in the application using IBM dyna cache.
* Designed and developed insurance application front end and back end business functionality, used Spring, **J2EE** Design Patterns such as **MVC** and JSP/Servlets to develop the application.
* Designed, developed and maintained data layer using Hibernate and performed configuration of Spring Application Framework.
* Designed Hibernate configuration file in **ORM** model which automate the mapping between the **SQL** databases and objects in **java**.
* Implemented and Designed **SPA** (single page application) using Angular 2.0 directives, expressions, routing capabilities for bookmarking, pipes and validations.
* Developed **SPA** with **Angular 2.0, Typescript, Bootstraps, HTML and Angular 2.0 CLI**. Configured module wide routing in the application using angular router and created various route guards
* Utilized **HTML, CSS, JavaScript**, and **AJAX** for client - side developments and validations.
* Involved in CICD process using GIT, Jenkins job creation, Maven build Create Docker image and deployment in AWS environment.
* Developed user interfaces using JSP, JSP Tag libraries **JSTL,** **HTML 5**, **CSS3** to simplify the complexities of the application.
* Added dynamic functionality to the application by implementing **jQuery** and **Angular JS**.
* Worked with **JSF** framework in developing user interfaces user interfaces using JSF UI Components, Validators.
* Used **Jira** Atlassian tools like **Bamboo** for Continuous Integration and deployment**, Bit Bucket** and Confluence.
* Expertise in developing web services using **Stash**, **SOAP**, **WSDL**, **RESTful**, **JAX-WS, JAX-RS, JAX**-**RPC**.
* Used **Stash** for mandatory code reviews (through pull requests) to improve code quality and promote cross functional learning.
* Implemented custom **Stash** Plugin (Java) for integration with **GIT** for associating commits with user tasks.
* Used **Stash** for source code management (SCM).
* Build servers using **AWS,** importing volumes, launching EC2, RDS, creating security groups, auto-scaling, load balancers (ELBs) in the defined virtual private connection.
* Used **SOAP** based **Web Services** from scratch to develop interfaces to integrate between front end systems and back end systems.
* Experience on Hudson/Jenkins and **Bamboo** for continuous integration and for the end to end Automation for all the build and deployments.
* Used Web services for creating rate summary and used **WSDL** and **SOAP** messages for getting insurance plans from different module and used XML parsers for data retrieval.
* Developed **Java** applications to create, update and delete data stored in relational databases using JDBC programming interface.
* Used **JMS** (Java Message Service) to send, receive and read messages in the application. Used different messaging models like Publish-Subscribe, Point-to-Point messaging along with **EJBs**.
* Worked on **MQ-Series** with **Java**, **JMS** on the WebSphere server side.
* Worked on Cassandra clusters in the Amazon Web Services(AWS) Cloud and migrated data between environments.
* Designed various tables required for the project in Oracle 11g database and used the stored procedures in the application and Wrote Stored Procedures, Triggers and Functions on SQL Server as well as **PL/SQL** on Oracle to support both databases for the application.
* Involved in the development of Standard XML reports and **XSLT** style sheets and Developed XML parser to convert java objects to **XML** and XML to java objects.
* Developed client/server and N-tier web applications using **Java**, **J2EE**, Apache Struts framework and Spring (MVC) framework.
* Involved in writing the **JUnit** test cases and integration testing of the system.
* Used SVN for source code maintenance and for version control.
* Written Maven Scripts to build generate WAR file and deploy the application.
* Implemented by using AGILE Methodology focusing on SCRUM.
* Maintained and debugged existing code **Jira, Stash/GIT**, and Used **SVN** for version control.
* Everyday tasks include **Agile, Rally, Jira, GitHub, Stash**.
* **J2EE** application development on Windows and **UNIX platforms** using **MVC** pattern

**Environment**: Java, J2EE, HTML, CSS, JavaScript, XML, JSP, Angular JS, Servlets, Spring, Struts, Jasper Report, Hibernate, Web services, SQL, BPM, Oracle, GWT, Stash, AWS, bamboo, cucumber, Microservices, Eclipse, GIT, Jenkins, Maven, Log4j, JUnit, WebLogic 10.X, IBM WebSphere Application Server, JIRA, ClearCase Unix/Shell Scripting.

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

**Title: Java / J2ee Developer**

**Responsibilities:**

* Followed the standard for **Software Development Life** Cycle Processes (Selection of a Life Cycle Model, Project Initiation, Project Monitoring and Control, Requirements, Design, Implementation, Installation, Operation and Support.
* Participated in periodic technical reviews of various modules and developed schema to improve them.
* Used, participated in Agile Methodologies for design and development of the applications.
* Involved in Scrum meetings for effective development.
* Involved in complete Software Development Life Cycle (SDLC) with Object Oriented Approach of client's business process and continuous client feedback.
* Used AngularJS as a framework to create a Single Page Application (SPA), which can bind data to specific views and synchronize data with server.
* Setup Drools Rule Engine on **JBOSS** server and manage configuration.
* Involved in writing **java API** for Amazon Lambda to manage some of the **AWS** services.
* Used Micro-services to ensure the scalability of application on cloud infrastructure.
* Developed application modules using Spring **MVC**, Spring Annotations, Spring Beans, Dependency Injection, with database interface using Hibernate.
* Used Spring **MVC** front controller pattern to handle requests starting with dispatcher servlet to handle incoming requests.
* Using **GIT/Stash** for version control system.
* Creating Unit Tests using Mockito and **JUnit** and leveraging **SOAP UI** for testing the web services. Using Maven 2.0 is as a build tool for building the application and **GIT/Stash** for version control system.
* Implemented Spring Bean Factory to create proxied object using AOP Framework.
* Experience with **SAML** single sign on configuration.
* Work with the Atlassian tools such **Git/Stash, JIRA** and **Crucible** for store and share the application code, issue tracking and code reviews respectively.
* Used **J2EE** to communicate legacy **COBOL** based mainframe implementations.
* Involved in the design and development of Batch Jobs using Spring Batch Architecture
* Used Hibernate as an **ORM** mapping tool and worked with Hibernate Query Language (HQL).
* Worked on backend logic using Servlets, **EJB** , **Hibernate** , **Unix/Shell Scripting** and **JDBC**
* Defined the Hibernate Configuration File, Hibernate Mapping using annotation and created classes to persist the data.
* Developed Message Driven Beans (MDB) as Queue listeners for JMS queues.
* Development of Application based on **J2EE** using **JSP,** Servlets, **Spring Framework**, and Rest Web Services with **JMS**.
* Developed RESTful web services using **Java,** **Spring Boot**, **NoSQL** databases like **MongoDB**.
* Used **AJAX** to call the REST API methods and connect to the backend.
* Implemented **SOAP** messages for information exchange for Web services.
* Worked on **REST-SOAP** transformation for services calls.
* Produced and consumed the web services data in the form of **JSON, XML**.
* Created different **XML** documents using **XML, XSD** and **XSLT**. Used E4X and Light DOM parser, and SAX parser for transforming the XML data.
* Developed classes using core **java** (multithreading, concurrency, collections, memory management) and some spring **IOC.**
* Designed & developed the UI application using React JS, Rest, **Spring MVC**, **Spring Data JPA**, **Spring** Batch, **Spring** Integration & Hibernate.
* Configured **bamboo** automating the builds into Gradle archive repository.
* Developed various screens for the front end using React JS and used various predefined components from **NPM** (Node Package Manager) and Redux library.
* Used React JS for templating for faster compilation and developing reusable components.
* Created dynamic forms for displaying the data in the React **DOM** according the information from backend.
* Used **J2EE SOA** based **JAX-WS** web services to develop reusable web service components.
* Configured Hibernate-**ORM** to map java objects such as clients and claims with database tables.
* Developed web interface for Users Modules using **JSP**, **HTML**, **XML**, **CSS, Java Script, AJAX**, and Action Servlets with Struts Framework, spring frame work.
* Used **GIT** for source control and Jenkins for continuous integrations
* Worked on **Jira** for User requirements and used **Jira** as bug tracking tools.
* Involved in unit testing, integration testing, **SOAP UI** testing, smoke testing, system testing and user acceptance testing of the application.
* Developed functions and store procedures using **SQL** for the Application.
* Wrote database queries using **SQL** and **PL/SQL** for accessing, manipulating and updating Oracle Database

**Environment**: Java 1.8, J2EE, HTML5, CSS3, Bootstrap, jQuery, AngularJS, NodeJS, Spring IOC, Spring AOP, Spring MVC, Spring Boot, Spring Security, Spring Data, RESTful Services, Jersey, Hibernate, Gradle, Unix/Shell Scripting, Micro Services, AWS (Amazon Web Services), Oracle, Docker, MongoDB, Mockito, Log4j, JIRA, GIT, Bamboo, Jenkins and Web Sphere Application Server.

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

**ROLE: Full Stack Java Developer**

**Responsibilities:**

* Went through the total project development life cycle and have a clear understanding of various tiers as the project was a multi-tier application.
* Coordinated with various groups of the client to gather business and system requirements.
* Implemented the application using Spring **MVC** Framework, Spring Boot and handled the security using Spring Security.
* Experienced in Analysis, Design, Development, Integration, Deployment and Maintenance of Web services, Client Server and Web based applications using **J2EE/Java**, **JSP**, **Unix/Shell Scripting,** **JavaScript,** **Servlets** and **XSLT.**
* Created **RESTful** web services interface to **Java-based** runtime engine and accounts.
* Used **JAVA 1.8** features like Parallel Streams, Functional Interfaces, Filters, Predicates and Lambda Expressions.
* **ANT** and Maven being used as build tools. Developed various ANT Scripts for **bamboo** build tool.
* Implemented RESTful services with **JAX-RS** using Spring Boot and Micro Services Architecture.
* Consumed **SOAP** based Web Services.
* Developed the persistence layer using Hibernate Framework, created the **POJO** objects and mapped using Hibernate annotations.
* Performed **J2EE** application deployment using **Bamboo** application server.
* Experienced working with database setup and maintenance on **AWS EC2**.
* Configured and managed public/private cloud infrastructures using Amazon Web Services (AWS) like **VPC, EC2, S3**, Cloud Front, **ELB** and Elastic Beanstalk.
* Create and configured the continuous delivery pipelines for deploying Micro Services and lambda functions using Jenkins CI server.
* Designed and developed functionality to get JSON document from **Mongo DB** document store and send it to client using **RESTful** web service.
* Used Hibernate in the persistence layer to persist data into both databases Oracle and **Mongo DB.**
* Used the **Java Collections** **API** extensively in the application as security protection for **XML**, **SOAP**, **REST** and **JSON** to make a secure Web Deployment**.**
* Created **UNIX** **shell scripting** for periodic generation of reports.
* Used **Eclipse** Luna as **IDE** to develop the application and followed the standard features for debugging and running.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system.
* **Log4J** was used to monitor the error logs and used **GIT** as version control tool.
* Excellent in deploying the applications in **AWS** as **EC2** instances and create snapshots for the data that must be stored in **AWS S3.**
* Followed the Maven build life cycle to build the application and deployed into **WebSphere** application server.
* Created **Servlets** and **JUnit** test cases and tested the application.

**Environment**: JAVA/J2EE, Servlets, JSP, Web sphere Application Server 8.x, XML, HTML5, CSS3, XSD, XSLT, XPATH, JAXP, JAXB, WSDL, SOAP , Unix/Shell Scripting, JavaScript, Angular JS, Spring frame work-DI, AOP, MVC, Hibernate, REST, JAX-RS, CXF, IBM MQ Series, RAD 8.0

**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.
* Worked on developing **RESTful** endpoints to cache application specific data in in-memory data clusters like REDIS and exposed them with **RESTful** endpoints.
* 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, 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 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.