**Madhavi**

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**Professional Summary:**

* Over 10+ **years** of strong experience in software development using **Java/J2EE** technologies.
* Experience in development and deployment of applications using **JBoss, BEA Web Logic Application Server, IBM Web Sphere Application, Wildfly and Apache Tomcat.**
* Involved in the Software Development Life Cycle **(SDLC)** phases which include **Analysis, Design, Implementation, Testing** and **Maintenance.**
* Well versed in using Software development methodologies **Agile Methodology, Scrum** and **Waterfall** software development processes.
* Experienced in designing and developing multi-tier applications using Java, J2EE, Python and related technologies. Strong experience in Core Java, Collections, Multithreading & Concurrency. Proficient with different relational databases.
* Very good implementation experience of Object-Oriented concepts, Multithreading and Java/Scala.
* Strong front-end UI development skills using scripting languages **HTML5**/**HTML**, **DHTML**, **CSS3**/**CSS**, **JSP**, **JavaScript**, **Angular** **JS**, **XML**.
* Expertise in J2EE technologies like **JSPs 1.x/2.0, Servlet, Java Swing, JDBC, JNDI and AJAX.**
* Experience with various J2EE design patterns like **Singleton, Command, Factory, Observer, Front Controller, DTO, DAO, MVC, Session Facade, Business Delegate, Service Locator, Transfer Object,** and **View Object** in the development of enterprise applications**.**
* Worked on **Spring & JSF framework** for developing multi-Tier distributed enterprise applications.
* Experience in developing web applications with various open-source frameworks: **Spring Framework, Spring (MVC)**, **Spring (AOP)**, **Spring** **Scheduler, Hibernate 2.0/3.0 ORM**, **Hibernate ORM Search 3.5,** **JPA.**
* Used persistence frameworks **Hibernate ORM**, **JPA,** to map **POJOs** to a relational database.
* Extensively worked on implementing **SOA (Service Oriented Architecture)** using **XML Web services** (**SOAP**, **WSDL**, **UDDI** and **XML Parsers**).
* Worked with XML parsers like **JAXP (SAX and DOM)** and **JAXB.**
* Expertise in applying **Java Messaging Service (JMS)** for reliable information exchange across Java applications.
* Worked extensively on **Service** **Oriented Architecture** and proficient with web service development using **TOP-DOWN** and **BOTTOM-UP** approaches.
* Extensively implemented web services using **Restful** technologies like **JSON**.
* Experience building Spring based Java **micro-services** to support enterprise web application.
* Expertise in coding standalone batch jobs, and providing monitoring and application support using **Spring** **Batches**, **Java** **Batches,** and **ETL** batch jobs.
* Experience with advanced front-end technologies like **Bootstrap UI, Bootstrap modal, HTML 4.0, XHTML, DHTML, JSON, JQuery, CSS, XML 1.1, XSL, XSLT, XPath,**
* Proficient in **SQL**, **PL/SQL** programming. RDBMS experience includes **Oracle, IBM DB2, and Sybase.**
* Experience working with big data and real time/near real time analytics and big data platforms like Hadoop, Spark using programming languages like Scala and Java.
* Involved in Amazon **AWS** products (**EC2**, **SQS**, **S3**, **RDS**) setup for complex projects and deployment of open-source projects.
* The Elastic search **ELK** stack makes searching and analyzing data easier than ever before.
* Knowledge on **ELK** (Elastic Search, Log stash, Kibana) stack to collect and analyze the logs produced by the spark cluster.
* Familiarity with architecture, both logical and physical design.
* Experience in Performance Tuning & Optimization of SQL statements using various types of Indexes, Explain plan.
* Extensive experience with Java complaint IDE’s like **Eclipse, IntelliJ, Visual studio code.**
* Experienced in database design, data analysis and development in **DB2, Oracle**, and writing **SQL queries**, **Stored Procedures**, **Functions**, **Packages** and **Triggers.**
* Experience in writing **Gradle and Maven** scripts for project development and deployment.
* Experience in building and deploying applications using **Jenkins** Continuous Integration Tool.
* Knowledge on **No SQL database** like **MongoDB** and **Cassandra**.
* Hands on experience with **JUnit,** **Log4j** in developing test cases and determining application functionality.
* Worked with **version control systems** like **SVN**, **GIT, Bitbucket etc.**
* Well versed with core Java concepts like **Collections, Multithreading, Remote Method Invocation (RMI), Serialization, and Java Beans**.
* Articulate in written and verbal communication along with strong interpersonal, analytical, and organizational skills.
* Highly motivated team player with the ability to work independently and adapt quickly to new and emerging technologies.

**TECHNICAL SKILLS:**

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| **Languages** | Java, JavaScript, SQL, PL/SQL. |
| **J2EE Technologies** | Data Services, Web Services, micro-services, Http Services, Remote Objects, Hibernate, JPA, JSF, JDBC, Servlets, JSP, JNDI, SOAP, WSDL, REST, JAXB, JSTL, SOA, Java Beans. |
| **Web Technologies** | HTML, DHTML, DOM, XHTML, CSS, Java Script, JQuery, Prime/Rich Faces, JSF, AJAX. |
| **Frameworks** | Spring 3.x/4.x, Spring Boot 1.4.2, Hibernate 3.x/4.x. |
| **JavaScript Libraries** | Angular.js, Express JS, Node.js ,React.js |
| **Application/Web Servers** | Oracle WebLogic Server 8.1/9.2/10.3, JBoss 3.x/4.x/5.x, IBM WebSphere Application Server 7.x and Apache Tomcat. |
| **IDE’s** | Eclipse 3.3/3.2x, IntelliJ. |
| **Databases** | Oracle 9.x/10.x, MongoDB, MySQL, DB2/ RDBMS, JDBC. |
| **Protocols** | TCP/IP, HTTP, HTTPS, FTP. |
| **Tools & Utilities** | JUnit, TestNG, Mockito. |
| **Source Control** | SVN, GIT, Bitbucket |
| **Operating Systems** | Windows, UNIX, Linux. |
| **Methodologies** | Agile Methodology, Waterfall. |
| **Build Tools** | Maven, Gradle. |
| **Logging Tools** | Log4J, Slf4J |
| **Continues Integration** | Jenkins tool |
| **Log analysis** | Splunk, Kibana |

**PROFESSIONAL WORK SUMMARY:**

**Java Developer (Remote) Oct 2023 to till date Selsoft Inc**

**Applicant Tracking System**

**Project Description:**

The primary goal of an Applicant Tracking System (ATS) is to simplify the recruitment process and to make it more effective and efficient. This is accomplished by giving recruiters access to a powerful, centralized platform to collect and view applicants, track their progress, and filter them out based on their qualifications.

**Responsibilities:**

* Involved in Analysis, Design and Implementation translation of Business User requirements.
* Actively participated in the daily **SCRUM** meetings and paired programming to produce quality deliverable within time.
* Interacting with **QA team** and **Business team** to resolve defects.
* Practiced **Agile** to expedite the development process.
* Used **Angular JS, nodejs, HTML5, CSS3** and **JavaScript** framework for creating Dynamic Reach Design Layout with **JSP**.
* Responsible for setting up **AngularJS** framework for **UI** development. Developed html views with **HTML5, CSS3, JSON** and **Angular2.**
* Have experience in shell scripting language to run and execute the putty which is used to get the data from various log files.
* Developing the **Micro services** using **Spring Boot** that create, update, delete and get the assignment information from backend.
* Have experience in working with WS02 for managing and identifying **API** and for access integration.
* Experienced in working on **PL/SQL** and databases like **MySQL**.
* Worked on adding maven dependencies in pom.xml file for various plugins.
* Developed Web Services using **Restful** with **Spring MVC** and **Spring boot** developed **DTDs**, **XSD schemas** for **XML** (parsing, processing, and design) to communicate with Active Directory application using **Restful API.**
* Back-end coding and development using Java Collections including Set, List, Map, Multithreading, Servlet, Exception Handling etc.
* Worked on **JAD** for application development.
* Used Ab Initio for loading data into database and used **Perl scripting** to get the data from logs.
* Have experience in rules engine and Workflows.
* Implemented the application using the concrete principles laid down by several design patterns such as Facade, Business Delegate, Singleton, and Data Access Object.
* Have experience in working with developing and consuming **RESTful web services** by using **JAX-RS.**
* Have experience in dealing with brokerage services and funds’ investments.
* Performed preparation of test cases and **unit testing** using **JUNIT**.
* Have experience in using hybrids for screen development and web application development.
* Developed a cross-platform, desktop application using **JavaFX, JavaScript, and CSS3** which provides customized document authoring, reviewing, reporting.
* Test suite is automated with **Selenium 1.0** Remote Control for **Java** with **JUnit**.
* Used **SVN** and **GIT** for code commits and check outs.
* Have used Jenkins server to build and deploy the code into higher environments by working with **Devops team**.

**Environment:**

Java8, Spring framework, Spring Boot, Spring Data, RESTful Web Services, JPA, JSON, Junit, MS SQL Server, AWS, EC2, S3, IAM, Kubernetes, Agile Methodology.

**Client: Barclays Bank, Seattle, WA Feb 2019 – Mar 2023**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Involved in Analysis, Design and Implementation translation of Business User requirements.
* Actively participated in the daily **SCRUM** meetings and paired programming to produce quality deliverable within time.
* Practiced **Agile** to expedite the development process.
* Used **Angular JS, Nodejs, HTML5, CSS3** and **JavaScript** framework for creating Dynamic Reach Design Layout with **JSP**.
* Responsible for setting up **AngularJS** framework for **UI** development. Developed html views with **HTML5, CSS3, JSON** and **Angular2.**
* Have experience in shell scripting language to run and execute the putty which is used to get the data from various log files.
* Developing the **Micro services** using **Spring Boot** that create, update, delete and get the assignment information from backend.
* Have experience in working with WS02 for managing and identifying **API** and for access integration.
* Experienced in working on **PL/SQL** and databases like **MySQL**.
* Involved in multi-tiered **J2EE** design utilizing **Spring Inversion of Control (IOC)** architecture **Spring** **MVC, Spring Annotations, Spring JEE, Spring Transactions, Hibernate and JDBC**.
* Implemented the persistence layer in Hibernate. Created the **Hibernate POJO Objects** and mapped using **Hibernate Annotations**.
* Have experience in writing and executed various **MySQL database** queries from Python MySQL connector and **MySQL DB** package.
* Knowledge on reporting tools like tableau.
* Design and develop **PL/SQL packages**, stored procedure, tables, views, indexes and functions. Experience dealing with partitioned tables and automating the process of partition drop and create in oracle database.
* Have worked on **ODM** which helps to build and apply predictive models in databases and by using this we predicted customer behavior and target the particular set of customers.
* Have experience in using Swing graphical user interface toolkit for application development.
* Have experience in cloud foundry and cloud integration services for development.
* System was built using **Model-View-Controller (MVC)** architecture with Spring.
* Experienced in **AWS web services**, and **cloud integration service**.
* Have good working knowledge on Investment securities, trading and fixed income.
* Have experience in **Apigee** in web services development and for maintaining the API's
* Have setup Spark to analyze data contained in **Hadoop,** **Kibana** and **Splunk.**
* Experience working on **LESS** and **SASS** files and changing it into CSS and worked on Archetypes by using Maven for build and deploy.
* Worked on adding maven dependencies in pom.xml file for various plugins.
* Developed Web Services using **Restful** with **Spring MVC** and **Spring boot** developed **DTDs**, **XSD schemas** for **XML** (parsing, processing, and design) to communicate with Active Directory application using **Restful API.**
* Back-end coding and development using Java Collections including Set, List, Map, Multithreading, Servlet, Exception Handling etc.
* Worked on **JAD** for application development.
* Used Ab Initio for loading data into database and used **Perl scripting** to get the data from logs.
* Have experience in rules engine and Workflows.
* Implemented the application using the concrete principles laid down by several design patterns such as Facade, Business Delegate, Singleton, and Data Access Object.
* Have experience in working with developing and consuming **RESTful web services** by using **JAX-RS.**
* Have experience in dealing with brokerage services and funds’ investments.
* Performed preparation of test cases and **unit testing** using **JUNIT**.
* Have experience in using hybrids for screen development and web application development.
* Developed a cross-platform, desktop application using **JavaFX, JavaScript, and CSS3** which provides customized document authoring, reviewing, reporting.
* Test suite is automated with **Selenium 1.0** Remote Control for **Java** with **JUnit**.
* Used **SVN** and **GIT** for code commits and check outs.
* Have used Jenkins server to build and deploy the code into higher environments by working with **Devops team**.
* Involved in installing and configuring **Eclipse** and **Maven** for development.
* Mobile version developed using **JQuery Mobile**.
* Using detect mobile browsers JavaScript to detect whether it is a mobile browser and redirect to your mobile website.

**Environment:** Java/J2EE, JSF, HTML5, CSS3, NodeJS, AngularJS, JQuery, JSP, JavaScript, Hibernate, Workflows, Spring framework, Agile Methodology, XML, Design Patterns, Unix, RESTful Web services, JUnit, GIT, Oracle, Oracle DB.

**Client: Wells Fargo Bank, Dallas, Tx Jun 2017 – Jan 2019**

**Role: Sr. Java Developer**

**Responsibilities:**

* Designed and developed the application using **Agile methodology** and followed **TDD, Scrum, pair programming.**
* Wrote Technical design document with the class, sequence, activity diagrams in each use case.
* Designed dynamic and browser compatible pages using **jQuery, JavaScript, AngularJS.**
* Implemented **J2EE** design patterns such as **Session Facade, Factory, DAO and DTO.**
* Worked with **Angular JS MVC framework** including authoring complex directives, services, controllers and filters.
* Customized **Angular JS** filters in several locations to get the required output.
* Implemented Angular Controllers to maintain each view data.
* Used **Rabbit MQ as Message queue** applications may connect to the queue and transfer a message onto it.
* Utilized Angular.JS **UI-bootstrap** components like **time picker, directives, model pop-ups, ng-grid, router, progress bar, ng-Idle, ng-Upload**.
* Implemented flexible routing and nested using Angular.JS-ui-router. Used Bootstrap and media queries to create a Responsive Webpage across different screen-sizes.
* Integrated the service call with UI using **$http** and **$resources** which are substitutes for **AJAX** in angular.
* Developed various reusable Helper and Utility classes that are used across all the modules of the application.
* Designed and developed Business components and integrated with **spring framework**.
* Used **AWS Cloud Services** to Integrate the development of application.
* Wrote data Components for Plan Setup, wrote and called **Stored Procedures** using **Java**, **HQL, and Hibernate**.
* Involved in Designing and developing the **API.**
* Involved in configuring and **integrating Spring** and **Hibernate frameworks.**
* Involved in design and implementation of **MVC** architecture in different modules.
* Responsible for writing utility classes, UI development using **JSP, CSS3, HTML, AEM, JavaScript, Angular.**
* Integrated business layer using **Hibernate with Spring DAO.**
* Used **Angular JS Factories and Services** to make Ajax calls or Restful Calls to get data in **JSON** Format.
* Used Angular JS Directives like ng-app, ng-model, ng-in it for initialization of Angular JS application data.
* Played key role in the design and development of application using J2EE and Rest web service (**Jersey frameworks**) for **Service Oriented Architecture (SOA) with JSON**.
* Responsible for working on consuming and producing SOA micro service /Web Services.
* Designed and Developed web services using **JAX-WS, SOAP, JAXB, Apache CXF. Exposing** and consuming the web services to the downstream applications using **Apache CXF and Apache camel framework**
* Used **AngularJS $http, ngResources** services for accessing content from Rest web services, provided custom services to integrate database with view pages along with pagination, Sorting of data, deep linking (AngularJS route service)
* Implemented **Angular JS** Service layer with utility functions to get data from back end using Rest based service calls and pass back to Angular Controllers.
* Designing user Interface using Angular UI components such as tabs, grids, dropdowns etc. and configured the routing service using **Angular-JS router**.
* Developed REST service documentation using **Swagger UI and developed test cases using JUnit and Mockito framework.**
* Developed **REST** exception handling controller advices to respond to bad requests and server side exceptions.
* Build REST web service by building **Node.js Server** in the back-end to handle requests sent from the front end **JQuery Ajax calls.**
* Created **RESTful APIs** in Express and returned logic through AngularJS data binding.
* **Used MongoDB** to import the data into and feed into web services and displayed it onto the browser.
* Involved in Design, Development and Support phases of **Software Development Life Cycle (SDLC)**
* Worked on **Agile, SCRUM** development methodology and built the application with **Test Driven Development (TDD)**
* **Jira 10** for bug tracking.
* Configured Maven for dependency management and build the entire application.
* Used **JUnit framework** for unit testing and subversion control for implementing the application.
* Developed **SOAP web service**
* Used **Subversion repository**
* **Jenkins** is used for build.
* Participated in application deployments on **local Tomcat server**.
* Did application support on different environments from **QA** to Production.

**Environment:** J2EE/J2SE, Java 7.0, Java Script, Angular JS, Node.js, Spring Frame Work, Spring Batch, Hibernate, JDBC, Rabbit MQ, JMS, Apache Axis 2.0, Oracle, Tomcat Web server, LDAP, WSDL, SOA, SOAP, XML, HTML, Log 4j, RAD 7, Oracle, SunOS (UNIX), Sub Version, Maven and Windows 7.

**Client: TD Bank, Cherry Hill, NJ Oct 2014 – May 2017**

**Role: Java/J2EE Developer.**

**Responsibilities:**

* Involved in the Analysis, Design and coding of user requirement phrases.
* Conversion of Business Requirements to Software Requirements.
* Development of Web Front End (GUI) customer facing portals using **HTML, CSS, JSP, Spring, Ajax** and performed validations using Java Script and AJAX.
* Extensively used **annotations** for Spring MVC and **Hibernate** framework
* Developed business objects using **Spring IOC, MVC.**
* Used Spring **AOP** Framework for transaction management.
* Developed the project using industry standard design patterns like Singleton, Factory Pattern and Adapter pattern for better maintenance of code and re-usability.
* Utilized Java Collections (Lists, Sets, and Maps) and advanced core Java.
* Published and consumed web services by using SOA architecture (SOAP & REST)
* Code review and prepare documents as well as reviewing.
* Provide production support during outage to production support engineers.
* Delivering builds to ST and UAT. Used **Maven Tool** for build related activities.
* Lead the development and provided support for more than 10 releases now.
* Provide support to test engineers during Inter System Testing.
* Good experience in **Agile Methodology** (attending scrum calls, involve in retrospective and used **Jira** tool for logging hours (updating task details) for task).
* Developed **SQL** as well as **Hibernate Named queries** to interact with DB.
* Used RAD for development and **WebSphere** Application Server for deployment.
* Used development methodology **Test Driven Development**.
* Involved in unit testing using **JUnit**.
* Used Junit annotations in JUnit test classes.
* Configured **log4j**.properties to use log4j framework.

**Environment:** Java 1.8, Spring3.0, Hibernate, REST Web services, JavaScript, Servlets, JSP 2.0, CSS, AJAX, WAS 8.0, DB2, Maven, JSON, JMS, JUnit4, log4j, Windows.

Client: G4 Sportech PLC, Denmark Jun 2012 – Sep 2014

Role: Java Full Stack Developer

**Responsibilities:**

* Followed **AGILE Methodology** for the software development process, part of the cross-functional team for the application development.
* Developed the application using **HTML5**, **CSS3**, **JavaScript, Node JS and Angular JS**.
* Used Angular JS as framework to create a **Single Page Application** (SPA) which can bind data to specific views and synchronize data with server.
* Used Java Script, **Prototype** and **AJAX** to support the functionalities of the front end.
* Involved in developing code for obtaining bean references in Spring framework using **Dependency Injection** and **inversion of control**, Spring MVC.
* Used **Hibernate** as an **ORM Framework** for productive application development by reducing development time, complexities and increase flexibility.
* Implemented Business logic, worked on data exchange, processed **XML** and **HTML** using **Java**.
* Developed and implemented **Swing** spring and J2EE based **MVC** (Model-View-Controller).
* Used **Java applets** and **Swing** components to upload multiple files to the server, where traditionally only one file can be selected for the upload.
* Used **Spring JDBC** for calling the stored procedures in the database.
* Created various SQL and **PL/SQL** scripts for verification of the required functionalities.
* Performed Unit Testing, System Testing and Application testing to ensure and deliver robust SQL Plus and **PL/SQL** code.
* Developed PL/SQL triggersandmaster tables for automatic creation of primary keys.
* Skilled in using Collections in **Java** for manipulating and looping through different user defined objects.
* Built **Maven** scripts for automated deployment and for the build operation of the entire application.
* Designed and developed UI search and results screens for Products and Services.
* Design and UI development of **Restful Web Services** for creating product rate summary and captured unhandled errors and logged them in a database.
* Used **CXF** framework is simple **APIs** to make development of services from existing applications.
* Adapted various design patterns like Front Controller, Business Delegate, **Data Transfer Objects (DTO)**, Service locator, Session Facade, **Data Access Objects (DAO)** and Template Method pattern.
* Involved in debugging and troubleshooting related to development and production issues.
* Created and implemented Functions, triggers and procedures for Oracle.
* ­­­Used **Log4j** for logging errors.
* Used **SVN** as version control to check in the code, created branches and tagged the code in **SVN**.
* Involved in bug fix in existing software system and in software enhancement.
* Responsible for effective communication between the project team and the end user.

**Environment:** Core Java, Spring MVC, Hibernate, Restful webservices, SVN, JSON, JavaScript, HTML5, CSS3, Google web toolkit, JQuery, Bootstrap, SVN, JDBC, Oracle, Eclipse, Jboss server, JUnit4, log4j, Windows.