**Sravanthi**

**Java Full-Stack Developer**

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##### PROFESSIONAL SUMMARY :

* **8 years** of experience in **Design** & **Development** of Enterprise Applications, **Web Applications**, and Web Services in **Java/J2EE** and related technologies.
* Having good experience in MEAN Stack (Mongo DB , Express.js, Angular.js, Node.js) applications. Expertise in using of Node JS, Express JS, and Mongo DB along with Mongoose.JS to create server side applications. Strong experience in XML related technologies including **XSD, DTD, XSLT, XPATH, DOM, SAX, JAXP, JAXB, XML-RPC** and **XML Beans**.
* Extensive experience in Java J2EE technologies using Core Java, Java collection, JDBC, Threads, Spring Framework (**Spring Boot, Spring Batch**), Struts Framework, Hibernate, Servlets, DHTML, CSS, JMS, JSTL, Display Tag (Custom Tag), Ajax, Java Script.
* Expertise in using **HTML5, CSS3, XML, XSL, XSLT, JAXP, JAXB, JAVASCRIPT, JQUERY, JSON, JSTL,** **Backbone JS, PHP, Express JS,Ext JS, React JS, Node JS** and AJAX meeting W3C standards. Experienced in web development using **HTML, DHTML, XHTML, CSS, JavaScript, DOJO, Angular JS,** and **AJAX** technologies.
* Extensive experience working in a Test-Driven Development and **Agile-Scrum** Development.Experience in working in both Windows and **UNIX** platforms including programming and debugging skills in **UNIX Shell Scripting**. Proven expertise in implementing IOC/Dependency Injection features in various aspects of Spring Framework (**SpringCore, Spring Batch, Spring Boot, MVC** ).
* Developing and deploying applications on **J2EE** application servers like **Apache Tomcat** for deployment and customizing **WAR/ JAR** file management for web applications. Containerizing both Standalone and Enterprise Applications using **Docker** and creating **CI/CD** Pipelines using **Azure Devops**.
* Extensive knowledge on using spring boot annotations and design patterns. Solid working knowledge on building **SQL Queries** and writing customized **SQL** **queries** for repository classes in **Spring DATA JPA** using @**Query Annotation**.
* Creating **Rest Helper classes** for **microservices** inter communication using **Rest Template class**. Exception Handling using Controller Advice. Application production and dev logs monitoring with putty and identifying root cause for defects. Working knowledge on implementing **spring security** with **SSO And JWT Tokens**.
* Implementing security for **Rest Endpoints** using **API Gateway** and **load balancing** same using service registry of microservices. Knowledge on **swagger** to document rest endpoints implemented. Deploying applications to **OpenShift** using Azure Pipelines.
* Worked extensively with latest modules of Spring Framework like **Spring MVC, Spring Data JPA, Spring REST, Spring Security, Spring Boot** & **Spring Cloud**. Proficient in applying design patterns like MVC, Singleton, Front Controller, Data **Access Object**.
* Solid hands-on experience in development of various **Java & J2EE technologies like JDBC, Servlets, JSP, RESTFUL webservices, Spring framework, JSON, Apache, Log4J, Maven, Git**.
* Experience in creating comprehensive web applications using **MEAN stack** implemented with **MS SQL**, **Express**, **Angular.JS 7/8/9** and **Node.js**, **Java 8 ,10,11.**
* Conducted detailed analysis to support designing and development of **BPM applications**. Good working knowledge of **J2EE** best practice toolsets such as **Ant, Maven, Log4j, Slf4j**. Employing Java Object/Relational bridge technologies such as **Hibernate, JPA,** and **spring.**
* Developed applications using frameworks and API like **Struts, Spring MVC**. Extensive experience in Java/J2EE programming - **JDBC, Servlets, JSP, JSTL, JMS**. Worked on **AWS,** High Availability Practices and deploying backup/restore infrastructure.
* Experience in designing, developing, and deploying **J2EE** applications on **Web sphere, Web logic, Apache Tomcat** and **JBoss application Servers**. Experienced in Web Services approach for **Service Oriented Architecture** **(SOA).** Experienced with **Akka** building high performance and reliable distributed applications in **Java** 8.0 and **Scala.**
* Sound working knowledge of performance tuning in JAVA and J2EE including **hibernate** tuning, Experience in using various Configuration Management tools like **CVS, GIT** and **SVN**. Experience in using **ANT tool**, Maven to compile, package and deploy the components to the Application Servers.
* Experience in deploying, configuring and administering application servers such as **IBM WebSphere, WebLogic, JBoss, JAX-WS, Glassfish** and **Apache Tomcat.** Expertise in developing and consuming Web services including different technologies and standards like **DTD, XSD, SOAP, WSDL, JAX-RPC, JAX-WS, WS-I** and **Apache Axis, JAX-RPC**.
* Good knowledge in **Restful** Web Services. Expertise in design and development of various web and enterprise applications using Type safe technologies like **Scala.** Good Knowledge of using IDE Tools like **Eclipse, NetBeans, JBuilder**, Rational Application Developer(RAD) for Java/J2EE application development.
* Experience in installing, configuring, tuning **IBM Web Sphere 6.x/5.x, Apache Tomcat 5.x/6.x, JBOSS 5.x/4. x.**Proficiency in working with databases like **Oracle, MySQL**.Expertise in database modeling and development using SQL, T-SQL and PL/SQL in Oracle and SQL Server environments.
* Experience in Unit testing using **JUnit**. Implemented Spring boot microservices to process the messages into the Kafka cluster setup. In-depth knowledge of **PL/SQL** with the experience in constructing the triggers, tables, functions, user defined data type, procedures etc.
* Exposure to **Oracle, DB2**, and **MySQL** databases in developing applications using SQL Scripts, Stored Procedures. Experience using an Integrated Development Environment like **Eclipse, RAD 7.5/8.5** for code development.
* Good experience of AWS Elastic Block Storage **(EBS),** different volume types and use of various types of EBS volumes based on requirement. Experience of configuration tool **CVS, Clear**, and Tortoise **SVN** developing on Linux, Windows Operating Systems.
* Extensive experience in developing Web Services applications using **REST Client,** **REST API, SOAP UI, dozer mapper**. Experience with web development technologies like **HTML, CSS, JQuery, AngularJS, JavaScript, JSP** and **JSON**.

**Education:**

Bachelor of Engineering in Information Technology from Chaitanya Bharathi Institute of Technology, Hyderabad India in 2015.

**Technical Skills:-**

**Java Technologies:** Core Java, JSP, Servlet, JDBC, J2EE, JNDI.

**J2EE Frameworks**: Struts, Hibernate, Spring Boot , Spring Batch, Spring IOC, Spring AOP, Spring DAO, EJB, JPA.

**Web Development**: Web Services, Restful Web Services(JAX-RS), SOAP, APACHE AXIS VERSIONS, AJAX, JQUERY, HTML, DHTML, CSS, JavaScript, Angular JS, Node JS, Backbone.js, Knockout.js, Graph,QL, Ember.js, Handlebars.js, Bootstrap JS, JSON, XML, XSL, XSLT, XSD.

**Languages:** C, C++, Java, JavaScript, PL/SQL.

**Cloud Platform** : AWS

**Operating Systems**: Windows, UNIX(Solaris), LINUX, HP-UX.

**Application/Web Servers**: JBOSS, Web sphere, Web logic.

**IDE’s**: Eclipse, My Eclipse, Spring Tool Suite, RAD.

**RDBMS/Backend**: Oracle, DB2, MYSQL Server.

**Databases:** Oracle 12c/11g/10g/9i/8i, SQL Server, MySQL, Sybase 12.5, DB2, MongoDB, Cassandra

**Tools**: JIRA, Pivotal Tracker, Unified Modeling Language (UML), Entity Relationship Diagram (ERD), Dream Weaver, TCP/IP, HTTP, ANT, ENHYDRA, Kawa Pro, Gen Shell, Toad, SQL Developer.

**Version Control Systems**: WIN-CVS, Git, SVN, Rational Clear Case.

**Professional Experience:**

**Client: AbbVie, Chicago,IL**

**Role: Sr. Java Full Stack Developer**

**Duration: October 2021 to Present**

**Responsibilities:**

* Involved in SDLC requirements gathering, analysis, design, development and testing of application developed using AGILE methodology. Worked with Object-Oriented JavaScript such as **Backbone.js**, **Knockout.js, Ember.js, Handlebars.js**.
* Initially we have used **Node.JS/Express.JS** to mock REST services and built the UI app using that mocked backend; but later we integrated with the real backend system and coordinated with server-side development team.
* Using **Java**features in developing the code like Lambda expressions, creating resource classes, fetching documents from database. Created POC for **Spring Batch** for running batch jobs. Documented how Spring Batch is useful for the current project.
* Have worked on **AWS** for fetch the pictures and Videos from AWS to UI. Worked the backend by using **Node JS, express JS and Mongo DB.** Migrating rules from **‘Mind-Box’ to Drools (Red-Hat JBoss BRMS**) with eclipse as a mediator. Solely in charge of provide and present of a more simple and efficient design and implementation of BPM rules engine technology to handle the complexity of the new Pricing.
* Worked on **Angular 9,10** technology for one complete project in rebasing the UI of the application using the techniques in **Angular 9,10**. Implemented initial setup of **angular 8/9** application with node and npm modules. Implement user authorities' management with **Spring Security**.
* Designed, developed, planned, and migrated servers, relational databases (COSMOS DB) and websites to Microsoft azure cloud. Knowledge in configuring Cloud platform such as VMs, **Azure AD, Web Apps, DB’s, Cloud Services, etc**. Experienced on creating and managing **Azure VM, VMware tools, Cloud Services, and Storages.** Experienced with deployments, maintenance and troubleshooting applications on **Azure Cloud.**
* Created **Azure Web-Apps** and providing the access permission or Authorization to Microsoft Accounts. Implemented **Spring boot microservice**s to process the messages into the Kafka cluster setup. Currently working on developing Server less functioning using **AWS lambda with JAVA 8 and 10.**
* Design and manipulation of **JBPM** process for the client activities in order to manage the people queue for each activity.Implemented layout of front end web page with angular components and created **angular** services to interact with backend java application.
* Integrated the **Drools and JBPM** to application framework, which involved dynamic creation of knowledgebase and Knowledge session. Created Microservice to provide RestFul API/ Rest API utilizing **Spring Boot with spring MVC.**
* Demonstrated experience working with (consuming) REST or **GraphQL** APIs via client side JavaScript or server side via NodeJS, Established Database Connectivity using **JDBC, Hibernate O/R mapping** with **Spring ORM** for **MySQL Server.** Written **Map reduce** and **Spark codes** in Java to run a sorting application on the data stored **AWS**.
* Good knowledge in deploying the application jar files into **AWS** instances. Experience working with (consuming) REST or **GraphQL** APIs via client side JavaScript or server side via NodeJS, Involved in the development of the presentation tier using Spring framework like **Spring Boot** and **Spring Batch** to records from a database or input file,selects records based on predefined rules, and writes the records to an output file.
* Converted a monolithic app to Microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF. Currently working on developing Server less functioning using **AWS lambda with JAVA 8 and 10.**
* Coded **Soap** and **Rest web** services using **spring boot** to rewrite existing application to micro web application. Designed and developed transaction system and payment system with **Spring Boot** and **Kafka** framework. Interfaced with the **My SQL** back-end database by integrating **Spring with Hibernate**.
* Involved in Construction of UI using **JQuery, Angular.Js, Node JS** and **JavaScript**. Configured **Spring boot** restful web services application and enabled actuator to monitor application health status. Integrated **NoSQL** database like **Hbase** with **Apache Spark** to move bulk amount of data into **HBase.**
* Have worked on **AWS** to integrate the server side and client-side code. Modified existing and created new **Hibernate objects** based Queries for **data storage, retrieval,** tuning and mapping. Used NPM for installing required **node.js** modules and other published Angular NPM modules
* Configured **Mongo** repository and developed persistence objects with **Spring Data Module.** Developing business logic with Java core, collections and **java 8 lambda expressions**, streamers, Local Date objects.Consumed **Web Services** to interact with other external interfaces in order to exchange the data in the form of **XML** and by using **SOAP**.
* Created modal objects to integrate request and responses between front-end angular and java web services in **JSON** format.Created DTO objects, JPA repositories and created native **SQL queries** to persist data to database.Used **log4J** for application logging and notification tracing mechanisms.
* Configured **Maven** and resolved life cycle dependencies and generated artifacts for deployment.Developed Test Driver components with **TDD** added code in crucible to find defects and resolve them before quality testing performed.Attending daily scrum meeting, sprint planning meeting, backlog refinements.
* Involved in **Agile/SCRUM** process, attending daily stand up and completing tasks in sprints.Involved in code review meetings and updating components as suggest by tech leads.Developed and executed test strategy and coordinated QA testing in **Agile Environment.**

**Environment**: Java,HTML5, CSS3, Java Script, AWS, Saprk, Scala, Kafka, Spring Boot, Spring Batch, XML, GWT, Ajax, Angular8/9, Backbone.js, Knockout.js, Graph QL, Ember.js, Handlebars.js, Restful Services, Node JS, Mongo DB, Docker, Grunt, NPM, Jasmine, Jira.

**Client:Vanguard, Scottsdale, AZ**

**Role: Sr. Java Full Stack Developer**

**Duration: July 2019 to September 2021**

**Responsibilities:**

* Involved in **SDLC** requirements gathering, analysis, design, development and testing of application developed using AGILE methodology. Created user-friendly GUI interface and Web pages using **HTML, Angular JS, Node JS, JQuery** and **Java script**.
* Defined new validations through Angular2JS for the form field validation implemented through **HTML5**. Developed multiple POCs to create an interface between Backend to Frontend by using **Mongo DB, Express JS, Angular JS** and **Node.js, React.js**
* Used **Spring MVC, Ajax** and Dependency Injection for handling presentation and business logic. To maintain loose coupling between layers published the business layer as services and injected the necessary dependent components using **Spring IOC** and published cross cutting concerns like Logging, User Interface exceptions, Transactions using **Spring AOP**.
* Integrated **Spring DAO** for data access using Hibernate. Used Spring Security for Authentication and Authorization of the application. Used **Drools** to handle complex business rules using Rule Sets and Rule Flows. Integrated the **Drools and JBPM t**o application framework, which involved dynamic creation of knowledgebase and Knowledge session.
* Responsible for designing, development and delivery of the Workflow process using JBPM. Responsible for designing **Hibernate** mapping files based on business logic and Object relationships. Created data model and generated Hibernate mappings and domain objects using **Hibernate** tools.
* Responsible for designing &amp; developing the UI Screens using Angular JS with node.js, HTML pages, CSS, spring boot framework with Apache-Maven and JAVA-J2EE technologies. Implemented Collections Framework for fetching and appending strings from the deployed UI. Developed UI using HTML5, CSS3, SASS, JSP, JavaScript, Angular JS and Bootstrap.
* Integrated **Spring** and **Hibernate** together and worked on developing backend components and services using Hibernate and Spring. Extensively used **HQL** and **SQL** for querying databases.
* Designed and implemented database and associated RESTful web service that persists high-volume user profile data for vertical teams. Migrated high-volume **OLTP** transactions from Oracle to Cassandra in order to reduce Oracle licensing footprint. Developed Message Driven Bean for asynchronous sending Messages using **JMS.**
* Consumed Web Services to interact with other external interfaces in order to exchange the data in the form of XML and by using **SOAP**. Used **Spring Batch** and Hibernate for creating batch jobs to read multiple formats of data and write it into flat file. Used **J-Unit Testing** and **Ant Scripts**. Developed UNIT test cases using JUNIT and Mockito and configure through **Maven surefire plugins** to bepart of continuous integration.
* Making reproducible framework situations for the microservices engineering. Created a Request for Proposal (RFP) microservice providing RESTful API using Spring MVC and **Spring Boot.**  Used **JIRA** for tracking the Project Stories in **AGILE** Methodology.
* Implemented **Spring Batch** and Spring Task Scheduler to automate importing data from CSV files sent from client into DB2 database. Used Rest methodology for the service layer interface and used **JSON** for the data transformation.
* Developed various **AJAX** and **JSON** calls for the communication between the server and the UI. Using **AJAX** to request **JSON** data through third party **REST APIs** to acquire products data from server and display it in sorted order. Working with back-end web technologies such as Apache, Nginx, MySQL, Mongodb, Memcache
* Coded Rest API for Product service using spring boot. Assisted Development teams to migrate applications to Docker based PaaS platform using **Kubernetes**. Developed web services for produce and consumed the services by making Web Service calls to remote services in different applications.
* Used **Spring JMS** module for lookup for the queues and **MDB**s for the listeners, Established Database Connectivity using **JDBC, Hibernate O/R mapping with Spring ORM for MySQL Server**. Worked with **Object-Oriented JavaScript** such as **Backbone.js, Knockout.js, Ember.js, Handlebars.js**.
* Packaged and deployed the application in **IBM WebSphere**, Written **LINUX shell scripts** to identify user login information. Playback and technical presentations to the clients on acquired knowledge. Generating reports in **PDF** using **iText Open source** and **excel file formats**.
* Used Rational Clear Case for the version control. Used **Maven** as the build tool. Used **Tortoise SVN** to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.

**Environment:** Java, JDK, J2EE, HTML5, CSS3, Angular JS, Node JS, XML, JSON, AJAX, JQUERY, Struts, Hibernate, Spring Boot, Spring Batch, Spring DAO, Spring IOC, MySQL Server, JMS, JNDI, Maven, RMI, Eclipse IDE, UML, JIRA, Rational Clear Case, LINUX.

**Client: Micron Technology Operations/ Hyderabad, India**

**Role: Java Developer**

**Duration: Sep 2017 to May 2019**

**Responsibilities:**

* Involved in the complete **SDLC** including design of **System Architecture, development of System Use Cases based on the functional requirements**. Designed the algorithm and codes and also have used design patterns and Object-Oriented Design methodology.
* Participated in Server upgrades, code migrations, and also worked on important enhancements in the business requirements. Involved in implementation of MVC pattern using **Angular JS, Node JS, JSP and Spring Controller**.
* Used **JAX-RPC** Web Services using **SOAP** to process the application for the customer. Implementing the nightly batch jobs to process the data. Developed Junit test cases for unit testing and integration testing.
* Used **Spring Batch** to build the POJO-based development approach of the **Spring Framework**. Design and developed configuration output in XML and PDF format. Designed and developed configuration wizard using **Spring MVC**, used Spring Web Flow to create business rule based flow mechanism, and configuration entity model in **JPA.**
* Implemented Restful Web Services using **Spring Boot.** Created detail design documents for use cases of the system that are signed off by business users. Implemented **MVC** architecture using **JSP, Spring, Hibernate** and used **Spring Framework** to **initialize managed beans** and **services**.
* Used spring boot Actuator to externalize application's configuration properties for different environments. Worked on the development of the Language Manager application using Portlets, Struts, SQL Server, Hibernate, etc. Used **Spring Batch** with Spring Boot framework for developing a batch application for Loyalty Rewards.
* Built restful web services using **MongoDB**/**Node.JS** and implemented the front-end using **jQuery** and **Angular.JS 6** controllers, directives, and service. Involved in doing POC such as **MongoDB** and **Spring Boot** Technologies.
* Debugged and solved problems on several applications based on different technologies. Worked on the validation of forms and user authorization using authorization tokens **with JavaScript** and **jQuery** and **Bootstrap** for styling **UI Interface** of the application.
* Participated in the design of the database tables in **MySQL** to store information of the clients and their project details after Normalization of the database schema. Implemented the concept of smart tables in **AngularJS.**
* Helped in fixing the bugs found in unit testing and integration testing by the **QA team**. Developed **UI pages** with **JSP, Spring MVC, HTML5, CSS3, JavaScript, JQuery**, and used **Boot Strap** for creating Responsive Web pages.
* Created **AngularJS** Controller which isolate scopes perform operations in UI. Develop unit test using Karma and Jasmine. Followed strict patterns of RA team for unit test cases with **jasmine.** Used Drools Decision table using excel sheets with a **Spring MVC** project. Used **JENKINS** for continuous integration(CI) and continuous deployment(CD).

**Environment:** HTML5, CSS3, Java Script, XML, GWT, Ajax, AngularJS, Restful Services, Node JS, Spring MVC, Spring, JDK, Spring Boot, Spring Batch, Hibernate, My SQL, Maven, Jenkins, JBoss, Docker, SVN, Selenium, NPM, JUnit, Jasmine, Karma, Mockito, Eclipse, Jira.

**Client: Atos, Pune, India**

**Role: Java Developer**

**Duration: Jul 2015 to Feb 2017**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development. Developed a prototype of the application and demonstrated to business users to verify the application functionality.
* Worked with **Spring** Framework using components like **MVC** and **JDBC**. Also used **Hibernate** ORM, JSF and **StrutsMVC** frameworks. Developing front end of application using **HTML**, **CSS**, backbone.js, **javascript**, jQuery.
* Design, develop and implement MVC Pattern based Keyword Driven automation testing framework utilizing **Java**, JUnit and Selenium WebDriver. Used Angular js framework where data from backend is stored in model and populated it to UI.
* Prepared user documentation with screenshots for UAT (User Acceptance testing). Developed and implemented the MVC Architectural Pattern using Struts Framework including JSP, Servlets, EJB, Form Bean and Action classes.
* Hands on experience with MVC Javascript frameworks such as Backbone.js, Angular.js and Node.js. Worked with GIT/SVN, Continuous Integration (CI) tools like Jenkins using Maven Builder. Used Struts Model-View-Controller approach to help design new features and fix Jira bugs and request.
* Used **JavaScript**, **JQuery** and **ExtJs** to create **UI** on the Front End. Developed major websites and services by including **Mongo DB** as backend software. Implemented server side tasks using Servlets and XML.

**Environment:** JAVA, Servlets, XML, spring, SQL, HTML, JavaScript, SOAP UI Tool, SQL, JUnit