**Praveen Kumar Gavara   
Java Full stack Developer**

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**PROFESSIONAL EXPERIENCE**

* IT professional with 10+ years of experience in developing web-based, SOA based and **client/server** **applications** **in multi-platform environments with Java/J2EE technologies**, Involved in all the phases of Life Cycle of Software Development (SDLC).
* Proficient with Software development methodologies like **Agile (Scrum) Methodologies** and **Waterfall methodologies.**
* Experience in developing User Interface Rich Web Applications and Web Service Applications using User Interface Technologies like **HTML, CSS, jQuery, Ajax** Chrome-Developer Tools, and Internet Explorer-Developer Tollbar**.**
* Experience in **J2EE** framework and design patterns as well as **EJB**, **web services**.
* Used the fundamentals of **Java 1.8** like **parallel streams** and **filters** through **Lambda expressions** to handle the searching.
* Proficient in core Java concepts like **Collection Framework**, **Multi-threading**, **Generics**, **Annotations**, **Serialization, Thread pools, JavaBeans, and Externalization.**
* Good knowledge of **data structures**, **algorithms**, **operating systems,** and **distributed systems fundamentals.**
* **Good Experience in React js using component and functional scripting.**
* **Good exposure to Angular and UI components.**
* Expertise in developing web-based enterprise applications using **core Java, J2EE, Servlets, JSP, EJB, JMS, JDBC, JDWP, Hibernate, Web Services (SOAP** and **REST), MVC framework (Struts, Spring MVC), SQL and Object-Oriented Programming techniques.**
* Experience in the design and development of J2EE applications with **Servlets, Struts, Spring Framework, Web Services (SOAP & REST), JDBC, Hibernate, and IBatis.**
* Experience in building web applications using spring framework modules like **Spring ORM, Spring MVC, Spring DAO, Spring AOP, Spring Security, Spring Core, Spring IOC, Spring Boot, Spring Batch,** and **Web Services** using **Eclipse** and **integration** with **Hibernate** as well as **Struts**.
* Proficient in developing **Web Services**, related technologies &frame works**: WSDL, SOAP, REST, JAX-WS, JAXB, JAX-RPC, AXIS and Jersey, SOAP UI,** and generating client’s client using Eclipse for Web Services consumption.
* Experience in implementing client-server business applications using **Microservices.**
* Implemented **RESTful services** with **JAX-RS** using **Spring Boot** and **Micro Services Architecture.**
* Developed multiple web pages using **JSF** and business logic using Java for multiple modules in the application.
* Experience with tools like Experience with **Docker** Images/containers and **Kubernetes**.
* Experience in creating real time data streaming solutions using **Apache Spark and Kafka**.
* Deployed Applications in the cloud like **Amazon** **Webservices** and **Pivotal Cloud Foundry.**
* Experience in designing, developing, and deploying Java/J2EE applications on **Web sphere, Web logic, Apache Tomcat,** and **JBoss** application Servers.
* Experience in using message brokers **RabbitMQ**.
* Working experience in Relational DBMS like **MySQL**, **Oracle SQL (PL/SQL), SQL Server (MS SQL), DB2, and NoSQL DB** like **MongoDB**.
* Experience in implementing Design Patterns like Singleton**, Factory, MVC, Data Access Object,** and **Business Delegate.**
* Focused on **Test Driven Development (TDD)** thereby creating detailed **JUnit** tests for every single piece of functionality before writing the functionality.
* Configured and created application **log files using Log4J** to trace required application messages.
* Hands-on experience in building tools like **ANT, Maven, and Gradle**.
* Implemented the concept of Release branches for the project using **GitHub**.
* Actively involved in thestreamlining process through **Jenkins** CI and **CD** Release Automation.
* Having Experience in **UNIX** commands and Deployment of Applications in Servers.
* Ability to work effectively in cross-functional team environments and experience in providing training to business users.
* Good understanding of Business workflow, Business logic, and Business methods for further implementation of user requirements in a distributed application environment.

**TECHNICAL SKILLS**

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| **Languages** | Java, J2EE, React, SQL, PL/SQL |
| **J2EE Technologies** | Servlets, JDBC, JSP, JSF, JMS, EJB, JNDI, Java Security |
| **Web/XML Technologies** | HTML5, CSS3, JavaScript, JQuery, Ajax, XML, XSD, XSL/XSLT, SAX/DOM, JSON |
| **Tools & Framework** | Struts, Spring, Hibernate, Angular, React JS Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Boot, Spring DATA, Spring Batch, Spring cloud JSF, ANT, Maven, Gradle, Jenkins, RabbitMQ, ActiveMQ, Apache Camel, OAuth2.0. |
| **Web services** | SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2. |
| **Web/App Servers** | PCF, AWS, IBM Web Sphere, Apache Tomcat, JBoss, Web Logic Server. |
| **Database** | Oracle, SQL-Server, MySQL server, TOAD, NoSQL, MongoDB, Cassandra. |
| **IDEs** | Eclipse, IntelliJ, Spring Tool Suite (STS), RAD. |
| **O-R mapping** | Hibernate, MyBatis. |
| **Modeling/ CASE Tools** | Rational Rose, MS Visio Professional. |
| **Testing Tools/ Others** | JUnit, Mockito, Soap UI, Postman, Putty, Rational Clear Quest, RTC, StarTeam. |
| **Version Control** | GIT, Tortoise SVN, CVS, Rational Clear case. |
| **OS & Environment** | Windows, Sun Solaris, UNIX, Linux. |

**PROFESSIONAL EXPERIENCE**

**Client: USAA, TX                                                       March 2022 to Current**

**Role: Sr. Java Developer**

**Description:**

* Involved in gathering requirements, design, implementation, deployment, testing and maintaining of the applications to meet the organization’s needs using SCRUM methodology.
* Expertise in Advanced JavaScript libraries and frameworks such as Prototype, Ext J, Angular Js, and Object-oriented programing in JS.
* Participated in scrum meetings and coordinated with Business Analysts to understand the business needs and implement the same into a functional design.
* I have extensively used Angular 6 framework to create a Single Page Application (SPA).
* Integrated the Java code with Angular 6 and responsible for setting up Angular 6 framework for UI development.
* Used Bootstrap and Angular8, React.js and Node.js in effective web design.
* Implemented load-balancing with NGINX to allow dozens of Node JS instances to handle thousands of concurrent users.
* Used most of the new features of Java 8 like lambda expressions for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
* Experience with Front-end JavaScript frameworks like Angular JS, Node JS. And with the creation of RESTful Web service
* Implemented the application using Spring IOC, Spring MVC Framework, Spring Batch and Spring Boot and handled the security using Spring Security and Involved in writing Thread Safe blocks for multithread transactions.
* Optimized Microservices using Node JS and ES6 as Interfaces to Cassandra NoSQL database.
* Used Micro service architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used JBoss Fuse ESB to normalize number of protocols to single protocol
* Used STS for development and debugging Spring Boot applications.
* Developed Microservices and deployed into AWS Elastic bean stak.
* Used AWS SDK for interacting with S3 storage.
* Good experience in AWS RDS service.
* Implemented CICD Pipelines for deploying the code into AWS elastic beanstalk.
* Created VPC for the EC2 containers.
* Did POC using AWS services like SQS and SNS.
* Developed Hibernate classes to retrieve and save data using Spring Framework manager classes.
* Implemented Service Oriented Architecture (SOA) by developing and consuming RESTful web services and used Microservices to communicate using synchronous protocols HTTP and REST.
* Integrated the web services using Apache camel routing and spring
* Developed both Restful and SOAP web services depending on the design need of the project.
* Used JBoss Fuse ESB to create mediation or route message between services
* Worked on business and data base layer using the spring, and Apache Camel framework
* Involved in consuming, producing Restful web services using JAX-RS.
* Developed user interface by using the React JS, Flux for SPA development
* Migrated the data from Oracle database to the Mongo database using listeners and Apache Kafka.
* Used Apache Kafka for reliable and asynchronous exchange of information between multiple business applications.
* Developed SQL Queries to fetch complex data from different tables in remote databases using joins.
* Written optimized queries in the Mongo DB to increase the performance of the application.
* Tested REST and SOAP services using google chrome’s POSTMAN plugin.
* Used Maven as build and dependency management tool for creating EAR, WAR and JAR file to be deployed in application servers and integrated with Jenkins, and Bamboo
* Worked on creation of custom Docker container images, tagging, pushing images, integration of Spring boot.
* Created the Docker containers and Docker consoles for managing the application life cycle.
* Experience with various MVC Java frameworks like Angular 8, Node.JS, Bootstrap etc. Responsible for developing the partner Homepages using HTML5, CSS3, JavaScript, React JS, Node JS and jQuery.
* Experience in end-to-end development and migrating the application to Cloud using the Amazon web services (AWS) availing services of AWS like EC2, Elastic Beanstalk, Elastic Search, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, RDS, ElastiCache, SNS, SQS, AMI and Dynamo DB.
* Used GitLab for version control management.
* Developed test cases and performed unit testing using Junit framework.

**Environment: Java, J2EE, HTML5, CSS3, JavaScript, Angular 6, Micro Services, Spring Boot, Spring Security, Hibernate, Restful, SOAP, JAX-RS, Apache Kafka, XML, JSON, SQL, Mongo DB, PL/SQL, Oracle, STS, Hibernate, JIRA, Docker, AWS, Jenkins, Bamboo, Postman, Log4j, GitHub.**

**Client: MRC Global, Huston, Texas                                                       Aug 2020-Feb 2022**

**Role: Java Developer**

**Description:** TCF Bank is the wholly owned banking subsidiary of TCF Financial Corporation, a bank holding company headquartered in Wayzata, Minnesota. AIS (Account Information Systems) is Designed and developed for daily operations such as checking and savings account modules that keeps track of record for every customer according to their account information related to branch that includes the financial transaction, service charges and other.

**Responsibilities:**

* Involved in analysis and design phases of Software Development Life Cycle (SDLC).
* Expertise in Core Java features such as Multi-Threading, Collections, Data Structures, Generics, Serialization, File I/O and Exception handling to efficiently process high volume transactions.
* Worked on Spring framework for cross cutting concerns and IOC for dependency injection.
* Developed Application using Spring MVC 3 architectures widely with annotations, Dependency injection, IOC, integrated with the Struts 3 framework with views based on jsps.
* Developed the two phase commit using spring and Apache Camel
* Used Spring Hibernate template to store, manipulate, retrieve the data, and represented the data in the form of tree which has seven hierarchies and implemented drag and drop functionality to it.
* Expertise in MVC architecture using Struts with features like Validation, Tiles frameworks and Internationalization.
* Hands on experience in Hibernate data access layer to access and update information in the database.
* Designed and developed the UI interface using JQuery, NodeJs, JavaScript.
* Designed and developed Single page applications using NodeJs, GULP, WEBPACK (ES6).
* Developed a dashboard based on Ajax calls to make asynchronous calls to the application to cache the data and thus improved performance of the application and Real-time graphs for Analytical Reporting using NodeJS.
* Extensively worked on developing UI components using AngularJS and JSON to interact Restful web services.
* Involved in Bug fixing of various modules that were raised by the testing teams in the application.
* Implemented NoSQL persistence pattern for some data within app to increase performance by indexing.
* Involved in Map-reduce functionality in MongoDB to maintain customer order tracking.
* Composed and executed MongoDB scripts to insert and update NoSQL database, automating data changes reporting.
* Developed CRUD operations with Mongo-DB (NoSQL) and manage all the details of Customer.
* Used GAE version control for the Day-to-Day development activities while migrating.
* Used Drools Rule Engines with corresponding to validate the business User Roles.
* Used version control repository SVN (Subversion by apache) and JIRA for issue tracking.
* Experienced in Maven as a build tool and retrieved all the dependencies required for the application.

**Environment**: Java, J2EE, Spring, Struts, Hibernate, JAX-WS, JDBC, JSP, Servlets, UNIX, HTML, Angular JS, REST, WebSphere, CSS, XML, JQuery, AJAX, JSON, Java Script, ANT Scripts, Oracle and Log4J.

**Client: Dignity Health, Phoenix, AZ                                                      Oct 2016 to July 2020**

**Role:  Java Developer**

**Description:** Dialus is an unprecedented local search engine in Saudi Exclusively intended to serve the local information to users. Dialus is there to help you in every aspect of finding your local information just with a click or a call. Dialus Ultimate mission is to make your daily life easier than ever before by providing the fastest, relevant and genuine information.

**Responsibilities:**

* Involved in understanding and analyzing the requirements of the project.
* Implemented server-side programs by using **Servlet** and **JSP**.
* Stored the dynamic data on to **Collection** Objects and used the predefined methods to perform all DB related operations.
* Created and handled Custom-**Exceptions** that are related to business operations.
* Created child **Threads** to improve the performance by running some independent tasks at background.
* Designed, developed and User Interface using **HTML**, **JavaScript**, **AJAX,** and **CSS**.
* Used **JavaScript** to perform Client-side Validation.
* Implemented using the **MVC Design Pattern**.
* Used **JDBC** to interact with the underlying **MySQL** Database.
* Deployed Applications on **Apache Tomcat Server**.
* Involved in **JUnit** testing for various components.
* Used **Log4J** for any logging purposes during the development of the application.

**Environment:** Java, J2EE, JSP, Servlet, JDBC, HTML, CSS, JavaScript, Ajax, Eclipse, JUnit, MVC**,** Apache Tomcat, MySQL, MVC Design Pattern, Log4J.

**Client: Value Labs, Hyd India                                                          Aug 2012 - Jun 2016**

**Role: Java Developer**

**Responsibilities:**

* Involved in design and development phases of Software Development Life Cycle (SDLC).
* Developed the E-commerce site using JSP, Servlet, EJBs, JavaScript, JDBC.
* Experience in creating EJBs that implemented business logic.
* Implemented the presentation layer using JSP, HTML, CSS and client validations using JavaScript.
* Designed and developed GUI using JSP, HTML, DHTML and CSS.
* Involved in both WebLogic Portal 9.2 for Portal development and WebLogic 8.1 for Data Services Programming.
* Validated all forms using Struts validation framework and implemented Tiles framework in the presentation layer.
* Configured Struts framework to implement MVC design patterns.
* I have hands on experience in Eclipse 6.0 as IDE for application development.
* Worked with Java Messaging Service (JMS) for messaging interface.
* Written SQL and PL/SQL procedures for Hypersonic, Oracle and SQL Server databases.
* Developed various java business classes for handling different functions.
* Developed User Interface using AJAX in JSP and performed client-side validation.
* Developed JUnit test cases for all the developed modules.
* Used Sub Version (SVN) as version control.

**Environment:** Core Java, J2EE, Oracle 10g, SQL Server, JSP, Web Logic 9.2, STRUTS, JDK, SOAP, JMS, JavaScript, HTML, CSS, IBM RAD, AJAX, build tool, Junit, Spring, Log4j, Web Services