**Jaswanth K**

**Sr. Java Full Stack Developer**

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**Professional Summary:**

* Over 8 years of extensive experience as a Full Stack **Java/J2EE** Developer building web-based enterprise application for various domains.
* Expertise in various methodologies of the Software Development Lifecycle (**SDLC**) process including analysis, design, development, implementation, integration, testing, debugging, production, maintenance.
* High Proficiency with Object Oriented Programming Design, Multi-threading, Exception Handling, **Data Structures** and Algorithms, Collections, Garbage Collection, Method References, **Functional Interfaces**
* Extensive experience using Java technologies: **Core Java, JDBC, Java Message Service, JSP, Servlets, JPA, EJB, Swing, Applets, and JSTL**.
* Developed and implemented secure authentication and authorization features using Okta for Java-based web applications.
* Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **NoSQL** databases like **MongoDB**, **Cassandra**and **CouchDB**.
* Proficient in using Amazon Web Services **AWS**. Extensive experience focusing on services like **EC2, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, Elastic Cache.**
* **Google Cloud consists** of a set of physical assets, such as computers and hard disk drives, and virtual resources, such as virtual machines (VMs), that are contained in Google's data centers around the globe.
* Developed enterprise grade web applications for various clients using latest technologies like **Angular 4/6/7/8**, **Node.js, HTML5, CSS4, SASS, LESS, jQuery, Bootstrap** and other **JavaScript** technologies and Web Form Controls to create responsive web pages, developed Master Pages.
* Used **Core Java 6/ 7/ 8, J2EE, JSP, JDBC, RDBMS, Java Script, jQuery, Ajax, XML**, using **Oracle 10g/ 11g** as database **J2EE** platforms on Windows, **UNIX**.
* Developed CI/CD system with Jenkins, Ansible on Kubernetes container environment utilizing Kubernetes
* Have knowledge on partition of **Kafka** messages and setting up the replication factors in **Kafka** Cluster.
* Expert in developing web applications using **MVC** design patterns like **Spring MVC** and **Struts 2 MVC**.
* Experience with different modules of Spring Framework like **Spring Core Container, Spring MVC, Spring AOP, Spring Data JDBC, Spring Data MongoDB, Spring Data REST, ORM Integration Module, Spring Security, Spring Boot & Spring Cloud.**
* Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy. Write Terraform scripts for Cloud Watch Alerts.
* Java 11 has improved garbage collection due to garbage collectors like ZGC and Epsilon.
* JDK 8 is a feature release of the Java SE platform. It contains new features and enhancements in many functional areas. See the following links to release information about enhancements, changes, bugs, installation, runtime deployment, and documentation
* GCP is a set of cloud computing services provided by Google that allows you to store, manage, and analyze data and also used for developing, deploying, and scaling applications on Google's environment. It was announced as the leading cloud platform
* JDK includes tools useful for developing and testing programs written in the Java programming language and running on the Java.
* Composed and executed **MongoDB** scripts to insert and update **NoSQL** database and reporting.
* Designed and implemented a custom user management module integrating Okta's user API for efficient user onboarding and off boarding processes.
* Java 11 standardizes the new API supports both HTTP/1.1 and HTTP/2. It is designed to improve the overall performance of sending requests by a client and receiving responses from the server.
* Implemented single sign-on (SSO) functionality using Okta to enable seamless authentication across multiple applications within the enterprise ecosystem.
* Experience in **Object Relational Mapping (ORM)** using **Hibernate 4.x, Spring Data JPA frameworks**.
* Experienced in **React JS** and working with **Redux** architecture.
* Developing applications as Microservices using Spring Boot based on **Service Oriented Architecture (SOA).**
* Expert in producing and consuming **REST** and **SOAP** Web Services with different **APIs** like **JAX-WS, JAX-RS, JAX-B** and implementing using Jersey and **Spring REST.**
* JDK 14 reached General Availability on Production-ready binaries under the GPL are available from Oracle binaries from other vendors.
* Worked with **RabbitMQ, Apache Kafka** for reliable and asynchronous exchange of important information between the multiple business applications.
* Excellent client interaction skills and proven experience in working independently as well in a team.

**TECHNICAL SKILLS:**

**Java/J2EE Technologies :** Servlets, JSP, JSTL, JDBC, JMS, JFC/Swing, AWT, Applets, Multi-threading, Java

Networking

**Programming Languages :** Java JDK 1.4/1.5/1.6/1.7 ,  JDK 8, 11 and 14 C++, C, SQL, PL/SQL

**Application/Web Servers** : Oracle/BEA Web Logic 8.1/9.1, IBM Web Sphere 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 4.x/3.x, JSF 1.2/2.0, iBatis, GCP, Spring IOS,

**Spring** boot

**IDEs :** Eclipse 3.x, IBM Web Sphere Application Developer 5.x, IBM RAD, Scala

**Web technologies :** JSP, JavaScript, jQuery, AJAX, XML, XSLT, HTML, DHTML, CSS, HTML5

**Web Services :** JAX-WS, JAX-RPC, JAX-RS, SOAP, WSDL, UDDI

**XML Tools :** JAXB, Apache Axis.

**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

**Version Control :** CVS, SVN, Rational Clear Case

**Build Tools :** ANT, Maven

**Platforms :** Windows 2000/98/95/NT4.0, UNIX

**Professional Experience:**

**Fifth Third Bank, Evansville, IN Oct 2022 to Present**

**Sr. Java Full Stack Developer**

**Responsibilities:**

* Followed **Agile methodology** for developing application and involved in analysis, design, development, and testing phases of Software Development Life Cycle.
* Used Microservices to build individual components of the application and built the application on **Spring 5.x** Framework.
* Used **J2EE** Design Patterns as Singleton, Facade, Proxy, Observer for Middle Tier Development as well as Composite View Pattern for presentation tier.
* Development using **Angular 8/9/10/11, Node.js, Typescript, JSP, CSS3, HTML 5, jQuery, Bootstrap, Struts** and **JavaScript.**
* GCP is a set of cloud computing services provided by Google that allows you to store, manage, and analyze data.
* Integrated Okta's OAuth 2.0 framework to enable secure and delegated authorization for API endpoints, ensuring proper data protection and access restrictions.
* Proficient in using Amazon Web Services **AWS**. Extensive experience focusing on services like **EC2, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, Elastic Cache.**
* Implemented Spring **MVC** flow to interact with different modules of the application.
* Built and consumed **RESTful** services in modules and implemented serialization using **Spring REST** and **JSON**. Designed and developed the REST based Microservices using the **Spring Boot, Spring Data JPA**.
* Implemented Microservices based cloud architecture utilizing **Spring Boot**.
* Used **Java 1.8** features such as **Lambda** Expressions to make the code concise and Stream API to increase the performance and manage some of the **AWS Services**.
* Implemented multi-factor authentication (MFA) using Okta's adaptive policies to enhance application security and protect sensitive user information.
* Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy. Write Terraform scripts for Cloud Watch Alerts.
* Java 11 standardizes the new API supports both HTTP/1.1 and HTTP/2. It is designed to improve the overall performance of sending requests by a client and receiving responses from the server.
* JDK 8 is a feature release of the Java SE platform. It contains new features and enhancements in many functional areas and Java 11 are faster and more secure than Java 8 as it upgraded to support TLS 1.3, which is more secure than the previous versions.
* Used **React.js** for templating for faster compilation and developing reusable components.
* Wrote **Kafka** producers to stream the data from external rest **APIs** to **Kafka** topics.
* Implementing the Node.js server-side code to interact with **MongoDB** to store and retrieve data by using the Mongoose drivers.
* Java 11 has improved garbage collection due to garbage collectors like ZGC and Epsilon.
* Developing single page application by using Covalent open-source framework, which is built on **Angular 7/8**.
* Involved in migrating data from **Oracle 11g** database using Spring **JDBC** to **PostgreSQL** DB.
* Implemented stable React components and stand-alone functions to be added to any future pages.
* Migrate **Oracle 11g** database to **SQL** database using **ESF** Database migration toolkit.
* Used **JSON** for managing dependencies and dev-dependencies of Node.js applications.
* Implemented Spring Security with **Okta** **Security** **API** to provide security for the application.
* Setting up **AWS** Oracle **RDS** databases for new project, use data pump to migrate data to Relational Database Services (RDS).
* Create develop and test environments of different applications by provisioning Kubernetes clusters on AWS using Docker, Ansible, and Terraform.
* Worked closely with cross-functional teams, including front-end developers and UX designers, to integrate Okta's authentication and authorization flows seamlessly into the user interface.
* Secured **REST** **API's** by implementing **OAuth2** token-based authorization scheme using spring security.
* Used front-end technologies **HTML5**, **CSS3**, JavaScript for interacting with the user interface and built components for the robust front-end Single Page Application built on Angular 5.
* Implemented Angular 5 Router to enable navigation from one view to another.
* Used Node.js for server-side code and React.js as the framework.
* Written call back functions for the **Restful API**.
* Used Protractor to perform end to end testing for single page application developed using A**ngular 5**.
* Involved in developing Thread safe blocks for multithread access and distributed transaction management.
* Used **Hibernate 4.2** framework as the Object Relational Mapping tool for persisting java objects on Oracle 12c.
* Developed integration modules for disparate clients using Apache Camel.
* Wrote Hibernate configuration file, hibernate mapping files and define persistence classes to persist the data into **Oracle Database**.
* Composed and executed **MongoDB** scripts to insert and update **NoSQL** database and reporting.
* Implemented the caching mechanism in **Hibernate** to **load data** from **Oracle database**.
* Debugged and modified **SQL Stored Procedures, Triggers, Tables, Views** and User-Defined Functions.
* Created high level functional flow diagrams using **Microsoft Visio**.
* Extensively used Postman for testing **REST** webservices.
* Using **Angular 7** we created custom directives for re-usable components (multi-field form elements, background file uploads, etc.)
* Development of front-end using **Angular**, Dependency injection and Http modules with **Node.js** server.
* Oracle Database. Implemented the caching mechanism in Hibernate to load data from Oracle database.
* Used **Angular 7** framework where data from backend is stored in model and populated it to **UI**.
* **Jira** is used for Project Management and **GitLab** is used for issue and bug-tracking.
* Actively participated in code reviews and provided recommendations to improve the security posture of the Java applications, including input validation, output encoding, and data encryption.

**Environment**: Java 8, Spring 5/ 4.6, Spring Boot, REST, Spring Data JPA, Hibernate 1. 2, , Oracle 12c, AWS,Apache Camel,

Spring Security, HTML5, CSS3, jQuery 2. 0, Bootstrap 4, GCP, MongoDB ,Java Script 2.0, Oracle 11g/12c, Angular JS 7/8,

Node.js, Microsoft Visio, Maven, Docker, Jira

**Ascena Retail Group, Pataskala, Ohio Jan 2021 to Sep 2022**

**Sr. Java Full Stack Developer**

**Responsibilities:**

* Involved in all phases of the **Software development life cycle (SDLC)** using Agile Methodology, designed use case diagrams, class diagrams, and sequence diagrams as a part of design phase.
* Prepared Technical Design documents with **UML** diagrams using Microsoft Visio.
* Extensively used the core-concepts of **java** such as **Stream API**, Exception-handling, and Collections for business logic development.
* Experienced with **AWS** services to smoothly manage application in the cloud and creating or modifying the instances
* Developed client-side Interface using **React.js**.
* Used **Spring Kafka API** calls to process the messages smoothly on **Kafka Cluster** setup.
* Implemented Microservices architecture for the creation of the independent components utilizing Spring Boot for consuming services.
* Used **Kubernetes** to orchestrate the deployment, scaling, and management of **Docker** Containers.
* Experience in using **SQL, PL/SQL, ORM tool Hibernate** and has experience with **NoSQL** databases like **MongoDB.**
* Used object storage container to store the secured files and retrieved from **API** by using **AWS**
* Implemented **Spring boot microservices** to process the messages into the **Kafka** cluster setup.
* Developed **JSP**, **HTML**, **CSS** and a part of presentation layer using **JavaScript, Angular** 6 and **React.js**.
* Created and consumed **SOAP** web services, for secure retrieving and consumption of patient data.
* Used Microservices architecture with Spring Boot based services interacting through a combination of **REST** and **Apache** **ActiveMQ** message brokers.
* GCP is a set of cloud computing services provided by Google that allows you to store, manage, and analyze data.
* Utilized **Spring** **AOP** techniques for handling Data Access Exceptions during the transactions.
* Integrated the **Hibernate 4.0.6** with Spring using the **JDBC** Driver Manager and integrating Hibernate second level cache for caching the user data.
* Developed CI/CD system with Jenkins, Ansible on Kubernetes container environment utilizing Kubernetes
* Deployed Spring boot based Micro Services, Docker container using **Amazon EC2** container services and using AWS admin console.
* Working on development of platform for multi tenants built in **Java (Spring Boot)** and **Angular /React**.
* Designed and implemented a Single Page Application in Angular 5 and the presentation layer using **HTML5, CSS3, JavaScript 2.0.**
* Designing solutions on Azure, AWS, Google, Soft Layer & other hybrid cloud options
* Used **Node.js** for server-side code as the framework.
* Used front-end technologies **HTML5**, **CSS3**, **JavaScript** for interacting with the user interface and designed responsiveness in the web application using **Bootstrap 4**.
* Performed **CRUD** operations like Update, Insert and Delete data in **NoSQL** **database** **MongoDB**.
* Created Directives, Services, **Filters** using **Angular 6** with Typescript.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by **Angular 6.**
* Developed **UI** using **HTML5, CSS3, JSP, JavaScript, Angular 6** and **Bootstrap**.
* Participated in the **Agile** environment according to the Sprint deadlines and meetings.

**Environment**: JAVA 8, JAVA EE, Spring 4.0, Spring Security 3.2, Spring Boot, Spring, Hibernate 4.0.6, JSPS, Apache Tomcat

8.0, MongoDB, Oracle 10g/ 11g, Apache Camel, HTML5, GCP,CSS3, Bootstrap 4, Angular 5/6, Node.js, REST API, Apache

and AWS.

**Early Warning's, Scottsdale, AZ May 2018 to Dec 2020**

**Full Stack Java Developer**

**Responsibilities:**

* Participated in the design, analysis, development, and deployment of the **SDLC (Software Development Lifecycle).** Actively involved in mock screens development and project start-up phase.
* Used **React**-Autocomplete for creating Google map’s location search on the webpage.
* Added Excel-Builder to download the **Tabular data** in Excel format using **react**.
* Created Custom Directives in **Angular JS** making use of Modules and Filters objects according to the application.
* Primarily developing using components which includes Core Java, Spring, Multithreading, Spring JDBC.
* Extensively used **AWS** to integration with Enterprise and web applications. Persistence layer implemented using Hibernate framework.
* Worked on creating log-in authentication modules using **AngularJS** and **JavaScript**.
* Involved in development of User Interface using **HTML/HTML5, CSS/CSS3, JavaScript**, **jQuery, AJAX, JSON, React.js** and **Angular**.
* Installed and configured Docker for creating virtual environments. Applied the company build pipeline using Jenkins, **AWS** and **Docker**.
* Experience in using **SQL, PL/SQL, ORM tool Hibernate** and has experience with **NoSQL** databases like **MongoDB.**
* Experience with the features of **Angular** such as **directives**, **modules**, and **routing**.
* Implemented the caching mechanism in Hibernate to load data from **Oracle** database.
* Extensively used **Angular** **UI** (Angular Bootstrap) for ng-grid, and **UI** components.
* Web designing & development using **HTML5**, **CSS3**, **JavaScript**, **React.js** and **Ajax**.
* Used **CORE** and **HTML5** tag libraries for expressing Java Server Faces within a view template.
* Developed UI modifications for this portal using **XSLT, DHTML, XML, JavaScript** and **J-Query**.
* Used Bootstrap for responsive design which allows users to access it from any device.
* Used **HTML5**, **CSS3** and also the internal framework components to build the presentation layer. Involved in the implementation of **JSPs**, **Servlets** to interact with **Oracle** **Database**
* Developed Micro Service to provide **Restful** **API** utilizing **Spring Boot** with **Spring** **MVC**.
* Implemented Micro Services based Cloud Architecture using **Spring Boot**.
* Implemented **STRUTS** Model View Controller architecture to develop presentation tier and business layer.
* Wrote **Angular JS** services to consume Restful web service to load data. Created Custom Directives in Angular 4, making use of Modules and Filters objects according to the application.

**Environment**: Java, Spring Framework, Spring IOC, Oracle, Hibernate, Spring REST, HTML5, CSS3, AJAX, JavaScript,

Angular, Express JS, NodeJs, Mongo DB, SOAP, Jersey, JBoss, Web Logic, AWS.

**Boeing, Arlington, VA Nov 2015 to Apr 2018**

**Java Developer**

**Responsibilities:**

* Worked on **Agile Methodology** and built the application using Test Driven Development approach.
* Involved in complete development of ‘**Agile Development Methodology**/**SCRUM’**, developed and tested the application during various iterations.
* Used React-Router to turn application into **Single Page Application**.
* Developed screens using **HTML**, **CSS**, and **jQuery**.
* Developed the User Interface using **Spring** **framework**, **jQuery**, and **Ajax**.
* Developed the persistence layer using **Hibernate** Framework by configuring the mappings in **hibernate mapping**.
* Deployed application updates to **AWS** **EC2** and monitored the load balancing of different instances.
* Handled **Java multithreading** part in back - end component, one thread will be running for each user, which serves that user.
* Designed, developed a custom, single-page, responsive web application on front end using **Angular 2**.
* Implemented custom Directives and structural Directives **using** Angular 2 and developed code on Typescript and implemented Angular 2 Components.
* Used spring framework **Spring** **AOP** features and **JDBC** module features to persist the data to the database Defined file structure for **Angular** JS files based in **Angular IO** documentation.
* Experience in using Angular JS components, **Forms,** **Events, Keys, Router, Redux, Animations** and **Flux**.
* Installed and configured **JBOSS** server with **MYSQL** persistence.
* Extracted rules data from the database and **decision tables**.
* Created **SOAP** web services interface to Java-based runtime engine and accounts.
* Wrote **Hibernate** configuration file, hibernate mapping files and define persistence classes to persist the data into Oracle Database. Implemented the caching mechanism in Hibernate to load data from **Oracle database**.
* Actively involved in writing **SQL** using **SQL** query builder.
* Worked on **MYSQL** databases and **Oracle** databases technologies.
* Used **Maven** as build tool and deploying the application.
* Actively used the defect tracking tool **JIRA** to create and track the defects during **QA** phase of the project.
* Used **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.
* Implemented a highly scalable vertical and horizontal, performance efficient Drool’s architecture.
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in **AngularJS**.
* Developed **test cases** using **Junit**.

**Environment**: SDLC, Maven, HTML, CSS, and jQuery, Spring, Ajax, AngularJS, AOP, JDBC, Spring IOC, Hibernate, AWS,

SOAP, SQL, JIRA, QA, SVN, Junit, JBOSS Server.

**BNSF, Fort Worth, TX Dec 2014 to Oct 2015**

**Java Developer**

**Responsibilities:**

* Actively participated in meetings with **Business Analysts** and Architects to identify the scope, requirements and architecture of the project.
* Used **Node.js** **framework Express JS** for better organization of the code.
* Implemented **JEE** standards, **MVC** architecture using Spring Framework.
* Developed cross-browser/platform **HTML**, **CSS**, and **JavaScript** to match design specs for complex page layouts while adhering to code standards.
* Implemented **Node.js** Controllers to maintain each view data where the client implemented the UI.
* Developed Spring **MVC** controllers and **REST** services to hit other internal and external **API's** to perform a task.
* Configured Hibernate Objects as **Spring Beans** in spring configuration file.
* Used **Hibernate** Persistence Strategy to interact with database.
* Responsible for migrating the Web services from shared Java environment to **PCF** - Cloud platform.
* Used **Struts** Validation and Tiles framework in the presentation layer.
* Used **Java Message Service (JMS API)** for reliable and asynchronous exchange of important information.
* Used Spring Framework for Dependency injection and integrated with the **Struts** Framework and **Hibernate**.
* Used **SQL** Developer for validating the data in **Oracle** database tables.
* Used Web services for sending and getting data from different applications using **SOAP** messages.
* Used **Hibernate** to access **Oracle 9i** database for accessing customer information.
* Used **JUnit** framework for **Unit testing** of application.

**Environment**: Java, Struts 2.2, Hibernate, Node.js, EJB, WebLogic Server, PCF, HTML, CSS, JUnit, JSP, Servlets, JMS, Oracle

9i, Windows XP, MVC Pattern, SVN, Log4J.