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**US Citizen**

**Summary:**

- Having **7+ years** of professional experience in Design, Development, Testing, Deploying of Object Oriented, and Web based Applications using **Java/J2EE technologies**.
- Extensive in all phases of software development lifecycle like **Waterfall, Agile** and Test Driven Development, **Scrum** methodologies to develop best practices for software development and implementation.
- Experience as a User Interface/ Front end development, rich user interface design, development, documentation, standards, media (screen, mobile, touch interface) compatibilities, application architecture, visual design, wireframes, project and team management.
- Experience in Web applications blog maintenance, Library Management, social networking and mobile apps
- Good Knowledge in **Amazon Web Services** ecosystem (**Amazon EC2, Amazon S3, Amazon Simple DB, Amazon Elastic Load Balancing, Amazon SQS, Amazon EBS and Amazon Cloud Front**).
- Experience in deploying the **Docker Swarm Clusters** and **Docker** containers.
- Strong experience in web technologies like **HTML, CSS, XML, JSTL, JSF** and creating **UI** using web technologies **Java, Java script, J2EE, Servlets, jQuery, Ajax, JSP, Angular 8, React JS, Node.js**.
- Strong Experience with front-end technologies such as **React, Redux/Flux**, and **Webpack**.
- Experience building custom reusable components
- Proficient in **React library, React component lifecycle** and **JavaScript**
- Strong attention to design detail (UI/UX)
- Experience working with **NodeJS**
- Proficient **JavaScript, HTML5, and CSS3**
- Strong expertise and in depth knowledge in Core Java concepts like **Collections, Multithreading, Exception Handling** Developed various commands and helper classes using core Java mainly following multi-threaded concepts.
- Designed **MVC design patterns** for the application like **Factory Pattern, Singleton, Data Access object, session Facade, Business Delegate Factory** and implementing client-server business applications using **MVC, SOA architecture and Micro Services**.
- Worked with **RabbitMQ** and **AMQP** Java APIs for **Queues** to build the application as **SOA** platform.
- Solid knowledge of implementing **SOAP** and **RESTful** Web Services; experience with both top-down and bottom-up methodologies of generating **WSDL** file .
- Diverse experience utilizing tools in N-tier and **Micro-Services** architecture applications using **Spring Boot, Restful Web Services**.

- Expertise with employment of **Spring Kafka** and **Zookeeper** apart from **JMS** as messaging service
- Good Experience in various open source frameworks like **Hibernate** and **Spring** including **Spring MVC, Spring IOC, Spring AOP, Spring Data, Spring IO, Spring Security and Spring Boot**.
- Proficient in Database development using Oracle, **My SQL Server, Postgre SQL** databases using **MongoDB** in various projects with expertise in deploying **Stored Procedures, Triggers, SQL Queries**.
- Worked with **NoSQL** databases like **Cassandra** and **Mongo DB** for POC purpose.
- Experience in deploying applications in various servers like WebSphere, Tomcat, Web Logic, JBOSS.
- Experience with **Docker** containers and created clients respective Docker images and leveraged Apache to manage Cluster hosts for Applications
- **Spring Boot** Microservices were developed with microservice architecture using **REST** and Apache Kafka.
- Experience in writing applications by using Build tools such as **Maven, Ant, Gradle** and deploying them on servers and **Jenkins** for continuous integration development.
- Written **JUNIT** tests as per the use case and used **Mockito** framework to confirm the expected results and Developed test scripts in **Selenium** Web Driver using Java Language.
- Experience with automated testing using **Jmeter** and unit testing using **JUnit**, developed various applications using **ANT**.
- Extensive experience with version control tool **Git**, familiar with Git Bash Commands and IDE integration.
- Hands-on experience on development tools like **Eclipse, IntelliJ, NetBeans, My Eclipse, and JDeveloper**.

#### Technical Skills:

|                                 |   |
|---------------------------------|---|
| <b>Language</b>                 | Java, JavaScript  |
| <b>Java Technology</b>          | JSP, Servlet, JPA, JUnit  |
| <b>AWS Components</b>           | EC2, AMI, IAM, ELB, auto scaling, launch configuration, SNS, SES, S3, RDS, VPC, Route53, Cloud Watch, Cloud Formation, Lambda |
| <b>Web Services</b>             | RESTful   |
| <b>Frameworks</b>               | Spring (MVC, Core, Data), Hibernate, Spring Boot  |
| <b>Message Queues</b>           | Apache Kafka, RabbitMQ, ActiveMQ  |
| <b>Application Server</b>       | TomCat  |
| <b>Data Bases</b>               | Oracle, MySQL, Cassandra, MongoDB   |
| <b>Query Language</b>           | SQL, PL/SQL   |
| <b>Version Control</b>          | Git, CVS  |
| <b>Operating System</b>         | Windows, Linux  |
| <b>Logging/Monitoring tools</b> | Splunk, Prometheus, Grafana   |

|                               |                               |
|-------------------------------|-------------------------------|
| <b>Container Technologies</b> | Docker, Kubernetes, Openshift |
| <b>Build Tools</b>            | Jenkins                       |
| <b>Testing</b>                | JUnit, Mockito                |
| <b>IDE</b>                    | Eclipse, IntelliJ, NetBeans   |

### **Professional Experience:**

**Client: Key Bank, Washington DC**

**June 2021 – Till date**

**Role: Full Stack Java Developer**

#### **Responsibilities:**

- Design and Develop role based web application that provides the users a tool to ingest patent data coming from various source systems, maintain, and retrieve patent text, image and metadata for the US and Foreign data collections.
- Developed multiple key elements of the data ingestion effort, such as the multi-threaded ingestion using Java thread Cassandra.
- Developed single page responsive Web UI using HTML5, React js, Bootstrap, CSS3, JavaScript, JQuery.
- Responsible for developing a large-scale responsive application using Java Script, React, HTML5,css3
- Developed an image retrieval service, using Spring RESTful, Cassandra.
- Developed MVC design pattern based User Interface using ExtJs, XML, HTML and Struts.
- Responsible for design and implementation of the family of web applications and web services that make up the product line. Includes multiple GUI web applications as well as a RESTful web service API that publicly exposes the underlying operations.
- Deployed the application on AWS (Amazon Web Services) for scalable solutions.
- Used Frameworks such as JQuery and ExtJS UI for UI development.
- Expert level experience with Web based Application design & development using Java/ J2EE Technologies like JSP, JSF, JQuery, JavaScript, HTML5, CSS, XML and JMS.
- Experienced with Core Java concepts such as Serialization, IO, Multithreading, Collections, Concurrency and Exception Handling.
- Created iterative mockups, prototypes and production-ready XHTML/HTML5, CSS/CSS3.
- Created advance SQL scripts in PL/SQL Developer to facilitate the data in/out flow in Oracle.
- Developing exceptional web UI in Angular JS & Developed facilities for stripping long error messages from minified JavaScript code for Angular JS. Implemented a custom Closure Compiler runner to accomplish error stripping and published as angular/ng-closure-runner.
- Performed configuration, deployment and support of cloud services including Amazon Web Services (AWS)
- Rewrote internal error throwing API to allow long strippable error messages. Implemented error browser in docs.angularjs.org to help developers get information on errors occurring in minified builds.
- Data Binding using jquery and javascript templating with handlebars js.
- Implemented the Web layer using Spring MVC and Inversion of Control throughout the application in all the layers for bean wiring.

- Worked on build tools ANT, MAVEN Jenkins & Nexus.
- Used Spring Core, JBPM & multi-threading as part of enhancing Bundler process with in Content Management System.
- Designed, developed and maintained the data layer using Hibernate and performed configuration of EJB.
- Designed new applications/flows in JAVA SPRING framework.
- Experience on generating XML/XSD to send the request to the Messaging server.
- Experience on working with XSD, XML Schemas.
- Experience working in AGILE development environment.
- Used log4j to log the error messages to the log files.
- Highly skilled in using Version Control Management tools like SVN, CVS, and GIT.
- Used Oracle Web logic server to run the application.
- Creating build scripts using ANT and used Jenkins for continuous build and deploys application in Dev and Test environment.
- Implemented Jenkins for continuous integration to maintain the code quality.
- Interacting with the Quality team about the issues, bugs found and fixing them in the testing phase of the application.
- Implemented microservices using springboot.

**Environment:** Java 1.8, Angular 9, Hibernate 5.0, Microservices, JQuery, Docker, HTML5, CSS3, JBoss, Oracle Web logic Server, Ext JS, Git, SOAP/ Restful Web services, RDBMS, Jenkins, Oracle 11g, Kafka, Oracle, MongoDB, Spring Boot, AWS.

**Client:** Aon Hewitt, Charlotte NC

**April 2019– May 2021**

**Role:** Full Stack Java Developer

- Involved in **design**, development and **testing** of software development life cycle
- Responsible for requirement gathering from the **Business Analysts** and for preparing the requirement specification document
- Developed single page responsive Web UI using HTML5, React js, Bootstrap, CSS3, JavaScript, JQuery.  
Responsible for developing a large scale responsive application using Java Script, React, HTML5,css3
- Involved in structuring and execution of **MVC** configuration design utilizing **spring** framework for Web-level
- Involved in developing code for obtaining bean references in **spring** framework using Dependency Injection (**DI**) or Inversion of Control (**IOC**) using annotations. This functionality is implemented by developing **RESTFUL** web services using **spring boot**
- Worked on developing the backend part of the application involving **spring framework, and Web Services**
- Worked with **Lambda expressions** and **Functional interfaces**.

- I have worked on **Lambda Expressions; Functional interfaces Stream API's, Time API, and Improvements on Collection, Concurrency, and IO improvements by using Java 8.**
- I have worked on improving the overall performance of applications via **Multithreading, collections, synchronization, and exception handling strategies.**
- Developed **Service Oriented Architecture (SOA)** and **Micro Service Architecture** based J2EE applications.
- Used Rational Application Developer for the code development for the Single Sign On project implementation
- Developed facilities for stripping long error messages from minified JavaScript code for React JS
- Created React JS components
- Developed the code for calling the external **web service** through **Spring**
- Configured **Kafka** to read and write messages from external programs.
- Configured **Kafka** to handle real time data. Implemented **Kafka** producer and consumer applications on **Kafka** cluster setup with help of **Zookeeper**.
- Secured the API's by implementing an **Oauth2** token-based authentication/authorization scheme using spring security.
- Streamlined installation of **OpenShift** on partner cloud infrastructure such as **AWS**.
- Utilized **Kubernetes** for the runtime environment of the **CI/CD** system to build, test deploy.
- Deployment of Cloud service including **Jenkins** and **Nexus** on **Docker** using **Terraform**.
- Developed **Maven** Scripts to automate the build process. Managed the **Maven Repository** using Nexus tool and used the same to share the snapshots and releases of internal projects.
- Developed a cross-device/cross-browser web application for real-time location sharing utilizing React js, **JavaScript API**
- Worked on the front end look and appearance for the screens using **JavaScript, AJAX, Angular 8, jQuery**
- Involved in Setting up the build, configuration and **auto deploying** using **Maven** build tool
- Used **GIT** repository for software configuration management and version control
- Consumed **SOAP** web services for our Application
- Followed **Agile Methodology** and **Scrum** list as a Software development process
- Prepared **JUnit** test cases using **Mockito** and **Powermockito** and executed the test cases using JUnit for the entire project and implemented build process for maven for **TDD**
- Deployment of ear and war files in **WebLogic Server**
- Used **SQL statements** and procedures to fetch the data from the database
- Developed code in **Java, J2EE, Webwork** and **Hibernate** using **XP Practices Pair Programming, TDD, Continuous Integration**

- Developing scalable applications in a dynamic environment, primarily using **Java, Spring web services** and object/relationship mapping tools
- Implemented **log4j** for logging purposes and debug the application
- Designed and implemented customized **exception handling** to handle the exceptions in the application
- Communicated **development** status on a regular basis to technology team members

**Environment:** Java8, Spring MVC, Spring Boot , SOA, Maven, Jenkins, React JS, SOAP, GIT, XML, Oracle, WebLogic, Agile, JSON.

**Client:** Paramount Pictures, Los Angeles CA

**November 2016 – Mar 2019**

**Role:** Java Developer

**Responsibilities:**

- All the functionality is implemented using **Spring IO / Spring Boot** and **Hibernate ORM**. Created the build, deployment and configuration related scripts for **Maven**
- Utilized **Hibernate** and **SQL** for communication with SQL Server database.
- Built Spring Boot **microservices** for the delivery of software products across the enterprise.
- Decompose existing monolithic application into multiple microservices using Spring boot and Kafka.
- Used Micro services to communicate using synchronous protocols **HTTP** and **REST** for implementing **SOA** approach
- Implementation of Spring Restful web services which produces **JSON**
- Migrating existing application into micro services architecture using **Rest APIs, spring boot**
- Used **Node.js** APIs for authentication and authorization
- Created POC of Authentication and Authorization with Oauth2 **Spring Boot** microservice. Utilized **JWT** as tokenization scheme for **Oauth2**.
- Designed **Java API** to connect the **Amazon S3** service to store and retrieve the media files.
- Extensively worked on front end, business, and persistence tiers using the **spring framework**
- Involved in designing and implementation of **MVC design** pattern using spring framework for Web-tier

- Developed applications in Java based UI within **Angular 9.0** framework and **Node.js**, integrated with **Typescript**
- Developed custom components for CDC with **J2EE, Spring, Hibernate and Java**. Designed components to extract and load data from EPA website utilizing **Spring and Hibernate**
- Followed **agile** software development practice paired programming, test driven development and scrum status meetings
- Worked extensively on **Spring boot** for building web services
- Used **JavaScript, jQuery** for user interactions in pages. Creating a responsive web application integrating Twitter Bootstrap with **Angular 9.0** and media queries
- New library development with micro services architecture using **REST API's, Spring Boot**
- Worked on **Angular 9.0** as main front-end framework using features like components, pipes, modules, custom directives, templates, data binding, dependency injection, routing and **Angular CLI**
- Worked on creating various types of indexes on different collections to get good performance in **Mongo** database
- Implemented to reprocess the failure messages in **Kafka** using offset id.
- Have knowledge on partition of **Kafka** messages and setting up the replication factors in **Kafka Cluster**.
- Involved in unit testing of core functionalities using **JUnit**.
- Performed code review and unit tested the application using **JUnit** framework. Participated in the **production support** and maintenance of the project.
- Developed **API** for using **AWS Lambda** to manage the servers and run the code in **AWS**
- Selecting the appropriate **AWS service** based on **compute, data, or security** requirements
- Experience in Integration of **Amazon Web Services AWS** with other applications infrastructure
- Performed **J2EE** Testing in developing test cases with **JUnit, MOCKITO** for Unit testing, and logging using **Log4j** and worked on **Mock Testing**.
- Used **log4j** to print the logging, debugging, warning, info statements.
- Performed check-in and check-out and review using pull requests with **GIT version control** system.

**Environment:** Java/J2EE, Spring 3.5, Spring MVC, Spring Security, AWS (EC2, S3, IAM), Hibernate 4.0, Rest, JSP, HTML, CSS, Java Script, OpenShift, Cassandra, RabbitMQ, Datadog, Junit, Mockito, Angular 9.0, AWS, Node.js

