Vinay

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**Professional Summary:**

* 10+ Years of professional experience in **Design, Development, Implementation, testing and Maintenance** of **Java & J2EE web** and **client-server**-based Internet applications.
* Hands on experience in **Requirement Analysis, High-level design using design patterns and Object-Oriented programming** using Software development methodologies such as **Agile, SDLC, RUP, and OOAD**.
* Completed projects using **Java, J2EE, EJB, SPRING, Struts, HIBERNATE, IBATIS, WEBSERVICES, RMI, Servlets, JSP, Angular 2 & 4, Flex, JSF, JNDI, JDBC, JMS, JTS, JavaScript, HTML, SOAP and XML, XSLT, SQL, PLSQL, Ajax, Maven, Ant-build scripts.**
* Expertise in configuring the Spring Application Context with dependency injection and using **Spring Framework** 2.0/2.5 integrated it with **Struts/ Hibernate/Web Services/ JMS/ JDBC/ JNDI.**
* Developed **Java Beans** and used custom tag libraries for embedding dynamic into **JSP** pages. Used AJAX to perform asynchronous data validation.
* Experience in building web applications using **Spring** Framework features like **MVC** (Model View Controller), **IOC** (Inversion of Control), **DAO** (Data Access Object) and familiarity with **AOP** (Aspect Oriented Programming).
* Extensive experience in **Struts** Tag Libraries and Custom-tag implementations in **JSP** to embedded business logic.
* Developed microservices to load the data from DynamoDB to Kafka topics for reporting and Used Git to control the build version.
* Expertise in client scripting language and server-side scripting languages like **JavaScript, jQuery, JSON, AngularJS, Node.js, ActionScript, JSF and JSP**. Experience in designing Rich Internet Applications (RIA's) with **jQuery and AJAX.**
* Experience in unit testing the applications using **JUnit** Framework and developed logging and standard mechanism based on **Log4J** and good experience in **shell scripting**.
* Experienced with IDEs like **RAD, WSAD, Eclipse, My Eclipse, Net Beans** etc.
* Experienced with various application / web servers like **WebSphere, JBoss, BEA WebLogic, and Tomcat.**
* Experience with creating **Docker** Image file and containers and deploying it to **AWS**.
* Hands-on experience with various **AWS** service like **EC2**, Lambda, S3, Elastic Load Balancer, SQS, Elasticache (Memchache, Reddis).
* Good experience in writing **views, Stored Procedures, and database triggers** with comprehensive knowledge on Performance Tuning and Query Optimization in **Oracle** Stored Procedures.
* Experience of Database design in **Oracle/SQLServer/MongoDB** query-based programming and **PL/SQL** procedure programming and proficient in Database programming using **JDBC** and **SQL.**

**Technical Skill Set:**

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| --- | --- |
| Programming Languages | Java 11, Java Script (ES-9) |
| Frameworks | Spring Boot, Spring Data JPA, Spring Cloud, Spring Web Flux and Spring Security, Spring Kafka, Spring Batch |
| Monitoring tools | Prometheus, Grafana, Alert Manager using Micrometer (Micrometer) |
| Messaging Platforms | Kafka and RabbitMQ |
| Front End Technologies | React, Angular |
| Build Tools | Gradle, Maven, and NPM |
| Integration systems | Apache Camel, Spring Batch, and Spring Integration |
| Relational Databases | Postgres and Oracle with Flyway |
| No SQL Databases | MongoDB, Cassandra, AWS DynamoDB & Redis |
| Source Code Management | Bitbucket and GitLab |
| Cloud | AWS (EC2, SQS, SNS, RDS, Cloud Watch, Route 53, IAM, ECS), PCF/CF (Cloud Foundry) |
| Containers | Docker and Kubernetes |
| Testing Tools | JUnit 5, Mockito and Spring Boot Integration Testing |
| Security Scanning tools | Check Marks, Fortify, Black duck and BURP Scanning |
| BPM tools | JBPM and BPMN 2.0 |

**Professional Experience:**

**Role: Java Developer Sept 2022 – Present**

**Client:  JPMC, Jersey City, NJ**

**Project:**

Here I am working under the MD4 (Data Access and Distribution) team. We mainly concentrate on providing a common solution to make data in our Enterprise Masters available to downstream consumers.

**Responsibilities:**

* Worked with Technical Analyst, Technical Architect, Technical Lead to create the UI High level and Detailed Design for the applications
* Worked on GBA-Reports-Framework which is a standalone JAVA 8 solution not using GBA Axiom Framework and used to meet fixed text file reporting components.
* Resolved daily production issues as part of the SL3 Support Team.
* Interacted with tech lead to understand technology direction/changes, standards and best practices
* Resolved technical issues for designers and developers during project lifecycle
* Designed, developed, and implemented web-based Java applications to support business requirements.
* Followed approved life cycle methodologies, created design documents, and performed program coding and testing.
* Resolved technical issues through debugging, research, and investigation.
* Contributed to the Design and develop high quality software for large scale Java/Spring Batch/Micro-service Applications
* Developed the webpages using framework Angular 8 along with HTML5, CSS3 and Type Script.
* Designed and reviewed the test scenarios and scripts for given functional requirements and automated test cases in Selenium.
* Extensively worked on the Angular 8 UI Routing to handle navigation to access different pages in the application. Migrated from Angular6 to Angular 8.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular 8.
* Implemented Micro Services based Cloud Architecture using Spring Boot and implementation of Business Services using the Java15 and Spring Boot.
* Implemented Spring Batch and ESP Task & Job Scheduler to automate importing data from CSV files sent from client into database.
* Used Spring Cloud Config which provides server and client-side support for externalized configuration in a distributed system.
* Used Java Messaging Services (JMS) which provides reliable and asynchronous form of communication and have good knowledge in RabbitMQ.
* Implemented OAuth2 and SAML authentication protocol for enterprise web API security model.
* Implemented OAuth 2.0 provider mechanism is responsible for exposing OAuth 2.0 protected resources.
* Build and configure a virtual data center in the Amazon Web Services cloud to support Enterprise Data.
* Used Rest templates in the Spring Services to call the rest web services.
* Involved in creating the Hibernate POJO Objects and mapped using Hibernate Annotations.
* Used a Microservices architecture with spring-boot based services interacting through a combination of REST and RabbitMQ.
* Having good implementation experience with installation and configuration of Kubernetes, clustering them and managed local deployments in Kubernetes.
* Worked on NoSQL data base MongoDB& Performed CRUD operations like Update, Insert & Delete.

**Environment:** Angular 8, Node JS, Typescript, Java 11, Spring Boot, Rest, JPA, React, Rabbit MQ, Bit Bucket, Jenkins, NPM, Maven, AWS, Oracle, Redi, MongoDB, Kafka, Eclipse, Postman, Swagger, Junit, Mockito, Karma, Jasmine.

**Role: Java Full Stack Developer                                                                                 Jun 2020 – Aug 2022**

**Client:  Walgreens, NC**

**Project:**

The project is all about creating microservices to replace the old monolithic architecture in regards to the rules and conventions of FHIR (Standard for Healthcare organization) and ZIPARI.

**Responsibilities:**

* Migrated User Application from Bluezone Mainframe to UI Interface.
* Application Development using Visual Studio
* Developed various pages in the applications in front-end technologies HTML5 Canvas, CSS3 SASS, JSON, Angular 8, Visual Studio.
* Developing user-facing applications using Vue.js
* Used Streams and Lambda expressions available as part of Java 1.8 to store and process the data.
* Built Angular8 components, UI services to consume rest services using Component based architecture provided by Angular 8.
* Applied design patterns including MVC Pattern, Façade Pattern, Abstract Factory Pattern, DAO Pattern and Singleton
* Developed React JS pages, Web services calls, and AJAX calls for the application.
* Used Spring Boot for removing all XML configurations.
* Used Spring Kafka API calls to process the messages on Kafka Cluster setup.
* Used Spring MVC and Dependency Injection for handling presentation and business logic.
* Used Node.JS for heavy DOM manipulation.
* Involved developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
* Implemented the application using the concrete principles laid down by several Design patterns.
* Implemented MicroServices Architecture, with Spring Boot-based services interacting through a combination of REST, SOAP.
* Used kafka services to push data to HBase and Hive tables.
* Utilized Amazon Web Services (AWS) EC2 to deploy Docker containers with both monolith and Microservice Architecture
* Written LINUX shell scripts to identify user login information.
* Used Spring JMS module for lookup for the queues and MDBs for the listeners.
* Established Database Connectivity using JDBC, Hibernate O/R mapping with Spring ORM for Oracle.
* Used Log4J for application logging and notification tracing mechanisms.
* Deployed Applications on Apache Tomcat Server.
* Created and Configured Microservices architecture for CDT Directory project and integrated with AngularJS application.
* Used Spring JDBC API to talk MySQL Database for Read and Write operations.
* Integrated Spring DAO for data access using Hibernate to fetch data from database and avoid redundant database access statements.
* Created AWS Multi-Factor Authentication (MFA) for instance RDP/SSH logon, worked with teams to lock down security groups.
* Developed components of web services (JAX-WS, REST, JAX-RPC, Apache CXF) end to end, using different JAX-WS standards with clear understanding on WSDL (type, message, port Type, bindings, and service), SOAP using various message exchange patterns
* Worked with Kafka to load the data into HDFS and exported it into DBeaver database.
* Strong MongoDB administration skills in Unix, Linux.

**Environment:** Java1.8, J2EE, HTML5 Canvas, Visual Studio, Vue.js, CSS3, jQuery, Ajax, Bootstrap, JavaScript, Angular 8, ReactJS Hibernate, Spring MVC, Spring IOC, DBeaver, Spring boot, Spring security, JSP, JUnit, Jmeter, Apache AXIS, JAX-WS, Restful, Node.js Amazon Web Services (AWS), Microservices, Jenkins, Kafka, WSDL, MySQL, JIRA and Spring Tool Suite.

**Role: Java Consultant Feb 2018 – May 2020**

**Client: Lowes, NC**

**Project:**

The project is all about master data management. This data is being captured from the customers. This data is being provided by the operations team through Angular UI. This data is being sent to the backend using Restful web services. Once the data is approved in the backend data will be flown to down streams using RabbitMQ topics. This entire application is hosted on the AWS EC2 instances on tomcat

**Responsibilities:**

* Involved in SDLC requirements gathering, analysis, design, development and testing of application, developed using AGILE/Scrum methodology.
* Used java 1.8 features like stream, Lambda expressions, functional interface, collections, Date/Time changes and type annotations.
* Designed and developed in interface framework to keep the application of the JBPM Interaction.
* Created AWS Multi-Factor Authentication (MFA) for instance RDP/SSH logon, worked with teams to lock down security groups.
* Utilized Java 1.8 features like Lambda expressions for collection evaluation and comparing the data, Stream API for Bulk data operations on Collections which would increase the performance of the Application, Parallel operations on collections for effective sorting mechanisms and to change the sequential stream flow of threads while session establishment.
* Using HTML5, CSS3, JavaScript, JQuery, Bootstrap and AngularJS created GUI interface of the web page.
* Involved in the user interface implementation for various screens of the application using java swings.
* Developed React JS pages, Web services calls and AJAX calls for the application
* Strong MySQL and MongoDB administration skills in Unix, Linux and Windows.
* Created AngularJS controllers, services and used Angular filters for filter functionality in search box and integrator functionalities.
* Developed Rest Api to processes the data from DB to another Rest Service.
* Worked on AWS, High Availability Practices and deploying backup/restore infrastructure.
* Involved in building COSMOS web services test application.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Designed and Developed the Monitoring and commanding capability in the Java Swing UI using the common Swing components.
* Developed the web applications using Core Java Threading and Collection.
* To get AJAX functionality for the website I wrote JavaScript and JQuery programming.
* Connected to Data sources and performed operations using Spring Data Framework features like Spring JDBC and Spring ORM.
* Integrated Spring DAO for data access using Hibernate to fetch data from database and avoid redundant database access statements.
* Created and presented training materials surrounding adoption of the Groovy language.
* Supported and worked for the Docker team to install Apache Kafka cluster in multimode and enabled security in the DEV environment.

**Environment:** Angular 4, Node JS, Typescript, Java 8, Spring Boot, Rest, JPA,  Rabbit MQ, Bit Bucket, Jenkins, NPM, Maven, AWS, Oracle, Redi, MongoDB,  Eclipse, Postman, Swagger, Junit, Mockito, Karma, Jasmine, Unix, Windows, YAML

**Role: Consultant                                                                                 May 2013– Dec 2017**

**Client:  Wipro,, Bangalore, India**

**Project:**

Developed new features and maintained/updated old ones in a large mission-critical web interface to a set of chemical information databases. Programmed in Java (multiple frameworks) and JavaScript, wrote acceptance test.

In a transition to newer projects, I developed a JavaScript/jQuery-based mock-up of a proposed application for presentation to prospective customers. Then I worked with my team on the generic underlying code intended for that and other future large data-driven applications

**Responsibilities:**

* Developed web application using Struts, JSP, Servlets, Java beans that uses MVC design pattern.
* Created user-friendly GUI interface and Web pages using HTML, CSS and JSP.
* Wrote JavaScript for client side validation.
* Involved in the development of the User Interfaces using HTML, JSP, JavaScript, AngularJS, Bootstrap, CSS and AJAX.
* Developed user interface using JSP, JSP Tag libraries, third party libraries and Java Script to simplify the complexities of the application.
* Used multithreading in programming to improve overall performance using Singleton design pattern in Hibernate Utility class.
* Used Eclipse as an IDE tool for creating Servlets, JSP, and XML.
* Used AJAX API for intensive user operations and client-side validations.
* Wrote Stored Procedures and complicated queries for IBM DB2.
* Worked on parsing the XML files using DOM/SAX parsers.
* Implemented Log4J for Logging Errors, debugging and tracking using loggers, appender’s components.
* Used Rational Clear Case for version control and Clear Quest for bug tracking.
* Designed APIs via APIGEE and Swagger
* Managed code over Bitbucket repository via Git

**Environment:** Java, JDBC, Struts, JavaScript, HTML, CSS, JSP, Servlets, Tomcat, Oracle, AngularJs, Bootstrap, Eclipse IDE, CVS, ANT, Log4J.