**Mr. Sanjay Jadhav**

Java Developer

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**PROFESSIONAL SUMMARY:**

* Experienced professional with over 10 years in Java Full Stack development, specializing in designing, building, and deploying Enterprise Java web applications.
* Over 10+ years of Experience as **Java Developer**
* Proficient in Java/J2EE, REST/SOAP, Java Script, React/Redux, Angular, NodeJS, and Microservices.
* Design and development of enterprise-level REST & SOAP Web Services using JAX-RS/JAX-B, JERSEY, JAX-WS, and WSDL.
* Development of multiple enterprise applications using JAVA/J2EE, Spring Boot, React/Redux, and RESTful web services.
* Recent refresh on the latest full stack web development technologies, including React and Node. Utilization of Spring Data Framework for database operations, incorporating Spring JDBC and Spring ORM classes.
* Web designing & development using HTML5, CSS, JavaScript, React JS/Redux, and Node JS. Implementation of front-end screens using React/Redux JS, including Hooks and predefined components.
* Configuration of packages and dependency management in the front-end using NPM package manager. Hands-on experience with REST-based Microservices using Spring Boot, Spring Data with JPA, and Swagger for API interaction.
* Usage of Java Messaging Services (JMS), Spring RabbitMQ, and Apache Kafka for reliable and asynchronous information exchange.
* Extensive experience in developing Microservices using Spring Boot, Netflix OSS (Zuul, Eureka, Ribbon, Hystrix), and domain-driven design.
* Expertise in build/deploy tools like Jenkins, Docker, OpenShift, and Kubernetes for Continuous Integration & Deployment for Microservices.
* Testing with open-source tools such as Selenium Web Driver, Cucumber, Mocha, Chai, Junit, Mockito, and Power Mockito for Test Driven Development (TDD).
* Implementation of security and authentication concepts at both application and API levels using Spring Security, OAuth 2.0, Okta/SSO, and Spring AOP.
* Experience in deploying, managing, and operating scalable systems in Cloud providers like AWS, VMware, and Azure. Worked with Web Application Servers IBM WebSphere, Apache Tomcat, and Jetty application server.
* Proficiency in Version Control Tools GitHub, SVN, RTC, and CVS. Usage of JIRA and RTC for tracking outstanding bugs, reducing downtime, improving productivity, and enhancing communication.
* Hands-on experience with AWS cloud services like EC2, S3, RDS, ELB, and EBS for installation, configuration, and auto-scaling.
* Expertise in System Development Life Cycle Process (SDLC), Agile Software Development, Scrum Methodology, Kanban Methodology, and Test-Driven Development.
* Quick learner with the ability to grasp and master new concepts and technologies, and a self-starter with innovative thinking.Expertise in Selenium automation using **Selenium WebDriver, Selenium Grid, JAVA, JUnit.**
* Used **Azure SQL** to store enriched data after business process.
* Used **Angular CLI** to generate **angular Modules & Components.**
* Used **Azure Devops** to maintain Product Backlog Items, User Stories, Tasks and Bugs.
* Used **Azure Devops** to automate **Azure deployment** of **CI/CD** process.
* Database Administration, Production Support, Relational Databases, SQL Databases, Time Management, Analytical Thinking, Build Tools, Front End Software Development, Information Technology Infrastructure Libraries (ITIL), Integrated Development Environments, Stakeholder Management, Technical Skills

**EDUCATION:**

University of Buffalo, Bachelor Degree in Computer Science – 2014

**TECHNICAL SKILLS:**

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| **Programming Languages** | C, Java, J2EE, PL/SQL, |
| **Web Technologies** | HTML, CSS, XML, JavaScript, JSP, JSTL, JQuery, AJAX, Angular JS, Angular 2/4/6/9/11, TypeScript. ReactJS |
| **Frame Works** | Struts, JSF, Spring, Hibernate and JUnit |
| **Microservices** | Spring Boot, Spring Rest |
| **Web Services/Logging** | REST and SOAP Web Services, log4j. |
| **Databases** | Oracle 10g/11g/12c, MYSQL, MongoDB, Cassandra |
| **Web/Application Servers** | Apache Tomcat, IBM Web Sphere and JBoss. |
| **Testing** | JUnit, Mockito, Selenium, QTest |
| **Development Tools** | Eclipse, Net Beans, IntelliJ Idea, Microsoft Visual Studio Code |
| **Version control** | GitHub, SVN, Apache Subversion and CVS. |
| **Bug tracking** | JIRA, Visual studio. Version one |
| **Tools & Utilities** | Apache Maven, Gradle, Jenkins, ANT and Postman, SonarQube. |
| **Operating Systems** | Windows 7/8/10, MacOS, Unix and Linux |
| **Cloud Technologies, DevOps Tools & other** | AWS, Open-Shift, Jenkin |
| **Big Data Technologies** | Apache Kafka, Apache Nifi |
| **Certifications** | Proficiency in Java, including core Java concepts, language features, and libraries  Proficiency with version control systems, particularly Git |

**WORK EXPERIENCE:**

***Client:*** ***PNC Bank,*** ***Pittsburgh, PA***

***May 2022 – Till now***

***Role: Full Stack Java Developer***

***Responsibilities:***

* Engaged in various phases of the Software Development Life Cycle (SDLC) for the application, including requirements gathering, design, analysis, and code development.
* Worked within an Agile framework, fulfilling responsibilities as an individual contributor. These responsibilities encompassed interactions with the Business team for story grooming and reviewing story/acceptance criteria.
* Leveraged Java 8 features, such as Streams and Lambda expressions, to enhance code quality. Ensured interface compatibility and concurrency through the use of Java 8 features like default and static methods, as well as the Concurrency API.
* Utilized Java 8 Method References to reference methods by their names.
* Implemented a Microservice architecture with Spring Boot-based services, facilitating communication through a combination of REST and Apache Kafka message brokers. Collaborated closely with the Kafka Admin team to establish Kafka clusters on QA and Production environments.
* Transformed a Monolithic application into a Microservices Architecture using Spring Boot 2.0, adhering to the 12-factor app methodology. This transformation involved deployment, scaling, configuration, and manifest file creation for various Microservices in OpenShift/Kubernetes environments.
* Employed REST and SOAP Web Services for the acquisition of credit history information.
* Consumed RESTful web services using Angular JS to render JSON data.
* Developed a Python wrapper for instantiating multi-threaded applications and running them alongside other applications.
* Created batch processing applications using Spring Batch, deployed on AWS.
* Managed AWS resources, including Elastic Load Balancing, EC2 instances creation, and autoscaling.
* Utilized CloudFormation (CFT) templates to create AWS stacks, S3 buckets, Roles, and Policies.
* Implemented CHEF scripts for automation and bootstrapping of applications on EC2 instances.
* Rewrote and migrated existing applications to the AWS cloud as part of a modernization project.
* Designed and documented CI/CD tools configuration management.
* Possessed experience with various MVC Java frameworks, including Angular 8, Node.JS, and Bootstrap. Developed partner Homepages using HTML5, CSS3, JavaScript, React JS, Node JS, and jQuery.
* Developed cryptographic REST services using NodeJS and integrated them with other services.
* Created web applications running on NodeJS using the Express framework, Vue.js, and Backbone.js with Mustache.js for front-end MVC/templating.
* Built dynamic, responsive Web Applications by integrating Angular with Bootstrap, further integrating them with Web Services and Vue.js.
* Designed user interfaces using React JS and Flux for Single Page Application (SPA) development.
* Implemented various React JS components, Forms, Events, Keys, Router, Animations, and Flux concepts.
* Enabled the sending and receiving of AMQP messages on RabbitMQ both synchronously and asynchronously, and transmitted JMS messages to Apache ActiveMQ on edge devices.
* Utilized GIT for source code collaboration and GitHub for code and documentation management.
* Migrated applications from Spring MVC to Spring Boot.
* Developed scalable solutions using NoSQL databases, including CASSANDRA, MongoDB, and DynamoDB.
* Stored unstructured data of reporting applications in MongoDB document-oriented database.
* Participated in capacity planning and requirements gathering for multi-data center Cassandra clusters.
* Utilized MongoDB as a document-oriented database to store data.
* Implemented a production-ready, load-balanced, available, and fault-tolerant Kubernetes infrastructure.
* Worked with containerization tools, transitioning to Docker and developing distributed cloud systems using Kubernetes. Utilized the Helm package manager for Kubernetes.
* Executed data migration from Elasticsearch-1.4.3 Cluster to Elasticsearch-5.6.4 using Logstash and Kafka for all environments.
* Conducted Elasticsearch and Logstash performance tuning and configuration.
* Developed and deployed UI layers using JSP, XML, JavaScript, HTML5, Ajax, jQuery, React JS, and CSS3.
* Employed the Spring Framework for Dependency Injection (DI) and Inversion of Control (IoC) components, supporting Hibernate.
* Utilized Spring DAO for the development of the data access layer.
* Integrated Hibernate 4.1 along with Spring Data Redis, employing annotations for mapping ORM classes to the database.
* Configured web.xml and Spring-config.xml in accordance with the Spring framework.
* Developed applications based on the MVC Architecture using Spring MVC, defining Dispatcher Servlet, Controller, Model, and View Resolver.
* Implemented business logic using Core Java classes.
* Took responsibility for configuring, integrating, and maintaining all Development, QA, Staging, and Production PostgreSQL databases within the organization.
* Used Maven to build war and ear files for deployment on JBoss Application Server 7.
* Implemented agile development processes within the Software Development Life Cycle.
* Actively participated in daily SCRUM meetings to ensure the delivery of high-quality deliverables within established timelines.Involved in various **SDLC** phases like requirement gathering, **Design**, **Analysis** and **Code development**.
* Used **React JS**for creating loop directive and components to render views and to update object model dynamically.
* Used **Bootstrap**and **React JS** to create Controllers to handle events triggered by clients and send request to server.
* Analyzed the **React JS**server structure in legacy project, then mimicked the**REST service** by using Java **JAX-WS** API, and did the corresponding configurations.
* Developed the application using **Spring Framework Model View Controller (MVC) architecture**.
* Implemented**Spring Security** for Authorizations like Method Level and URL Level Authorization using **Spring AOP**.

**Environment:** Java 1.8,11, Design Patterns, Servlet, JSP, Spring MVC 3.2, Spring Boot, hibernate 4.1, Web services – SOAP & Restful, WSDL, Oracle 11g, Maven, JBoss 7, EJB 3.0, JMS, XML, SVN, Log4J, Eclipse 4.0, HTML5, Java script, AJAX, jQuery, React JS, JUnit 4.12, Agile Methodology, SCRUM.

***Client:*** ***Humana, Louisville, KY Sep 2020 – Apr 2022***

***Role: Sr Java Developer***

***Responsibilities:***

* Engaged in the complete software development lifecycle, including request analysis, design, development, unit testing, and implementation.
* Played a key role in requirement gathering and applied UML for application design. Elaborated on Use Cases based on business requirements and crafted Class Diagrams, Sequence Diagrams, Collaboration Diagrams, and Activity Diagrams.
* Took charge of developing new modules, particularly web-based, using J2EE technologies and the Spring Framework.
* Implemented the service layer using Spring Inversion of Control (IOC) and annotations, while developing Controllers with Spring MVC.
* Utilized Hibernate API and Hibernate Query Language (HQL) to implement Data Access Objects (DAOs) and entities.
* Built application functionality using Spring IO / Spring Boot and Hibernate ORM. Developed Java EE components with Spring MVC, Spring IOC, Spring transactions, and Spring security modules.
* Crafted Hibernate mapping files, HQL queries, and Criteria API for efficient data retrieval from databases.
* Established automated pipelines in AWS to deploy Docker containers in AWS ECS, employing services like CloudFormation, CodeBuild, CodeDeploy, S3, and Puppet.
* Managed S3 buckets and associated policies for storage and backup on AWS, incorporating S3 bucket and Glacier.
* Configured AWS Multi-Factor Authentication in IAM to enforce two-step authentication for user access, employing Google Authenticator and AWS Virtual MFA.
* Developed Python APIs for debugging purposes, facilitating the dumping of array structures in the Processor at the point of failure.
* Collaborated with the team to create POJOs using the Spring framework for dependency injection and integration with Hibernate and Spring Data JPA.
* Worked extensively on N-Tier architecture systems, utilizing Java 8, J2EE, JSP, Servlets, Struts, JMS, EJB, JDBC, and Multithreading.
* Developed Session Bean/Entity Beans for MPI.
* Responsible for designing and developing User Interaction screens using HTML, CSS3, Bootstrap, JavaScript, Angular 6, and Node JS.
* Enhanced application performance through Angular 6 Component-based development in anticipation of future Angular framework transitions.
* Generated comprehensive documentation for all components, integrated within React-Bootstrap pages.
* Implemented usage metrics and end-to-end event tracing for analysis using React JS concepts.
* Provisioned Linux servers (e.g., web-logic application, Apache, DB servers) in large quantities, meeting both EDC and Non-EDC production requirements and App/Dev needs.
* Coordinated hardware and software installations and upgrades to ensure optimal Unix system performance.
* Served as the lead PowerShell developer in numerous Windows-based migration and automation projects.
* Engineered and executed a fully automated end-user data migration solution using Windows PowerShell, eliminating business downtime during acquisitions and mergers.
* Developed PowerShell scripts for monitoring the Exchange messaging infrastructure and triggering notifications in case of issues.
* Implemented the DAO layer to provide access to MongoDB.
* Proficient in containerization tools, capable of transitioning to Docker and developing distributed cloud systems using Kubernetes and the Helm package manager for Kubernetes.
* Designed, built, and managed the ELK (Elasticsearch, Logstash, and Kibana) cluster for centralized logging and search capabilities.
* Possess extensive knowledge of Cassandra Architecture, data modeling, and monitoring, including the handling of node commissioning and decommissioning.
* Experienced with Apache Spark integration with Cassandra.
* Worked closely with the Kafka Admin team to establish Kafka cluster setups on both QA and Production environments.
* Leveraged Spring Kafka API calls for seamless message processing on Kafka Cluster setups.
* Utilized AJAX and JSON for sending requests to the server to validate website functionality and facilitate data exchange between browsers and servers.
* Developed User Interfaces using Struts, JSP, JavaScript, AJAX, and JSON.
* Demonstrated expertise in web-based GUI architecture and development, employing HTML, CSS, DHTML, AJAX, JavaScript XML, and Tag libraries (JSTL).
* Created build scripts to generate EAR files with Maven.
* Developed REST web services using the JAX-RS API to transmit data from Oracle Database in JSON Format.
* Implemented SOAP web services using Cuff to interact with MPI Services.
* Developed REST Microservices using Spring Boot.
* Utilized Soap UI for Web Service testing.
* Maintained version control using CVS tool.

**Environment:** Java 8, J2EE, Spring, Hibernate, Spring Data JPA, Webservices, PowerShell, WebLogic Portal, JMS, EJB, AJAX, Struts, JSP, Java beans, Web Services, Apache Kafka, WebLogic Application Server, SOAP, XML, JAXP, JNDI, UML, CSS, DHTML, Oracle, Java Script, Cassandra, HTML.

***Client: HSBC, New York, US Feb 2019– Aug 2020***

***Role: Sr Java Developer***

***Responsibilities:***

* Experience in Virtualization, Cloud computing and Web services and performed configuration, deployment and support of cloud services including AWS,OpenStack and VMware.
* Design and develop REST services that communicates with the Cassandra database on the backend. Developed application using Spring MVC, Jersey restful, JAX-RS and Hibernate.
* Implemented DAO pattern to fetch data from database using Hibernate to carry out various database operations and avoid redundant database access statements.
* Reviewed the XML/JSON logical data model and developed XML schema XSD to validate the model and used JAX-B for Xml-Java Mapping.
* Developed user interfaces which are single page applications using JavaScript, CSS, HTML, Angular and Node JS.
* Used HTML5, CSS3, TypeScript to design a user-friendly and multi functionality interface and designed and developed user interface using Angular 6 to utilize extensive features like ngModel, ngFor, ngIf, ngContainer.
* Strong understanding in using controllers, modules, directives, factories, injections and digest cycle in AngularJS.
* Worked with Typescript new features block scope, type restrictions, decorators, arrow functions, classes, interfaces, modules (import and exports).
* Used AWS SDK to create Amazon EC2 instance’s as it is utilized as the client’s app deployment and manage the app lifecycle.
* Experienced in open source the entire CDP application and migrate the services to Spring Boot based Micro services. Tested these services by deploying in DockerImage.
* Used Rabbit-MQ in cluster as a messaging system between the APIs and downstream calls.
* Developed JUnit test cases to unit test the business logic and Log4j to capture the log that includes runtime exceptions.
* Utilized Amazon EC2 for deploying and testing the lower environments such as Dev, Sandbox, INT and Test.
* Used Apache Maven build tool to automate the build process and Jenkins CI for continuous integration and deployment.
* Maintain SVN branches during project development. Conduct merge and use maven to build and deploy the services to remote jetty servers.
* Coordinate’s system application transition from development teams to maintenance and production teams, and/or constructs and implements necessary controls to assure system/application traceability. Typically serves as a resource to the business.
* Followed Agile Software Development Methodology and Test-Driven Development (TDD) to build the application iteratively and incrementally. Participated in scrum related activities and Daily Scrum Meetings.
* Performed Design review and Code review for well-known performance practices for better performance and code maintainability.
* Worked on Swagger API and auto-generated documentation for all REST calls.
* Responsible for build management, build verification troubleshooting builds for local Releases using tools and technologies like Apache Tomcat, Jenkins, JIRA, Confluence, Maven and Git CI/CD.Designed several persistent classes and involved in designing and creating generic **DAOs for the domain model**by using of**Hibernate 4.x with JPA annotation.**
* Used **Spring Boot** with ORM Framework (**Hibernate**) to do CRUD operations with Database.
* Implemented **Apache CXF** to create **SOAP** based Restful web services. And created **WSDLs** as per wire frames, UI pages generated client jars using **JAX-WS**.
* Deployed **Spring Boot** based **Micro-Services in Docker container**byusing **AWS** admin console.
* Maintained and expanded **AWS (Cloud Services)**infrastructure using **AWS Stack,**defined **AWS Security**Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more **AWS EC2 instances.**
* Creating **alarms**and notifications for **EC2 instances**using **Cloud Watch.**
* Installed the application on **AWS EC2 instances**and configured the storage on **S3 buckets.**
* Configured **AWS Identity and Access Management (IAM)**Groups and Users for improved login authentication, auto scaling the instances to design cost effective, fault tolerant and highly reliable systems.
* Installed **Kafka**on the cluster and configure producer and consumer coding part in java to establish a connection from source to HDFS with popular hash tags.
* Built real time pipeline for streaming data using **Kafka**and **SparkStreaming.**
* Developed integration modules for disparate clients using **Apache Camel.**
* Involved in building and deploying scripts using **Maven3.3** to generate WAR, EAR and JAR files.
* Developed Applications using Rule Engines, **Drools 4.xand ILOG** with correspond to validate the business User Roles.
* Used **GIT** for version control and source repository, Used Fisheye for Code Review and **JIRA** for reporting Bugs.
* Involved in writing **Thread** Safe blocks for **multithread using Executor Service Framework** access.
* Created continuous integration builds using **Ant, Jenkins, Gradle** and deployed on **WebSphere** app server.

**Environment:** JAVA/J2EE, Spring, Jenkins, Maven, SVN, Cassandra DB, JavaScript, BootStrap, Angular7, RESTFUL Web services, Hibernate, AWS, Kubernetes, VMware, Docker,OpenStack,Junit.

***Client:*** ***TD Bank, Cherry Hill, NJ May 2013 – Jan 2019***

***Role: Java Developer***

***Responsibilities:***

* Developed the responsive UI web pages using HTML5, CSS3, Angular 6 & 8, JavaScript, TypeScript, Node JS, and Angular filters in expressions and directives to filter data in the UI.
* Used React JS to create views to hook up models to the DOM and synchronize data with server as a SPA.
* Implemented Flux pattern by using redux framework as a core dependency.
* Designed several UI screens with React.js, Redux, Saga, Thunk, React HOC, React Bootstrap, Axios, SASS, LESS.
* Built administrator page displaying profile information in React.js and Graph QL.
* Enhanced application performance by Angular 6 Component development in view of future Angular transitions.
* Responsible for creating efficient design and developing user interaction screens using HTML5, CSS3, JavaScript, React.js, Redux, and Bootstrap.
* Microservices have been built using Spring Boot, and Spring Security and deployed to the AWS cloud.
* Deployed Spring Boot-based Microservices in Docker and Amazon EC2 container using Jenkins.
* Used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Implemented functionality using Spring Boot and Hibernate ORM to map with Oracle Database.
* Implemented Microservice architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Used Angular framework for UI, HTML views with HTML 5, CSS 3, jQuery, JSON, and JavaScript, Angular.
* Monitored service health check from Spring Boot admin console using Swagger UI registered Microservices. Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor applications.
* Responsible for creating efficient design and developing User Interaction screens using HTML, CSS3, Bootstrap, JavaScript, Angular 8, and Node JS.
* Designed dynamic client-side JavaScript codes to build web forms and simulate processes for a web application, and page navigation using Angular.
* Implemented the latest React features such as React Context API, React Hooks, Error Boundaries, Stateless Functional Components, and middleware such as Redux Thunk, and Redux-Saga.
* Used spring and Spring MVC components to implement business layer and navigation part of application.
* Creates and configured Micro-Services architecture and integrated it with the React JS application.
* Used React & Redux Dev Tools plugins to observe component state and prop changes instantly.
* Worked with React.js Forms, Keys, Router, components, and Events.
* Used data structures and algorithms for time and memory complexity reduction.
* Data communication between various events and fulfillment systems is developed using Restful API.
* Worked on Rest Web services and Node Rest framework for backend services.
* Developed data transformer for change legacy data from Source to Avro format and fed into Kafka using Camel.
* Involved in unit testing of various modules by generating test cases using Jasmine, Mocha, Karma.
* Designed and Developed the Automation Testing Framework using Java, Selenium Web Driver and TestNG.Worked on the development and testing of the infotainment module using **Agile (SCRUM)**methodologies.
* Used **Angular JS**as framework to create a **Single Page Application (SPA**) which can bind data to specific views and synchronize data with server.
* Refactored and enhanced an existing **Angular JS**application to follow strict MVC patterns for improved source code maintenance which resulted in significant percentage of code reduction, ease of upgrade, scalability, ease of developer spin up and enhanced performance.
* Used **Angular JS, Node JS**and **Bootstrap**in effective web design.
* Involved in enhancement of existing application utilizing **Angular JS**created role based HTML navigation menu where in menu items changes dynamically based on the values derived from the database in the form of XML.
* Worked on **Node JS**providing an event-driven architecture and a non-blocking I/O API that optimizes an application's throughput and scalability.
* Implemented client side Interface using **Node JS**and Used for creating reusable UI components.
* Created and injected **Spring services, Spring controllers**and **DAOs**to business classes using Autowired annotation.

**Environment:** Java8, J2EE, Spring Boot, Microservices, Restful, Apache CAMEL, JUnit, Cassandra, Scala, HTML5, CSS, Perl, JavaScript, Bootstrap, jQuery, ReactJS, Maven, AJAX, XML, XSLT, log4j, Git, Agile.