**Sumith**

**Sr. Java Full Stack Developer**

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**848-900-8803**

**PROFESSIONAL SUMMARY:**

* **9+ years** of experience in analysis, development, and testing of Web-based, Client/Server and Distributed applications across the entire **Software Development Life Cycle** using **Java** and **J2EE**, Technologies.
* Experienced in a fast-paced **Agile Development** Environment including **Test-Driven Development** (TDD) and Scrum.
* Extensive experience in developing web pages using **HTML5, CSS3, XML, JavaScript, Angular 10,12,14, React, jQuery, JSON, Node.js, and Bootstrap**.
* Experienced with various frameworks of JavaScript like **jQuery, jQuery UI, and jQuery Mobile**.
* Expertise in Core java concepts like OOPS, Data structures & algorithms, Generics, Collections, Multithreading, Exceptional handling, I/O, Serialization, and java. Lang Package.
* Developed **Dynamic Responsive web applications (RWD)** using **Angular 4/8/9** with backend integration.
* Strong experience in Spring Framework modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Microservices, Spring Batch, Spring REST, Spring Eureka, Spring Ribbon** and **Spring JP, Spring Security.**
* Excellent understanding of relational databases, involved in application development using several **RDBMS** such as **Oracle 10g/11g, MySQL and MSSQL**. Kubernetes
* Experience on working with **Cassandra NoSQL database** for CRUD operations with **Datastax** client.
* **Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling**
* Experience with **Apache Spark**, including the specific tasks and projects you have worked on. Mention your expertise in Spark's core concepts, data processing, and analysis using Spark SQL, Spark Streaming, or Spark MLlib.
* Implemented **Cassandra** data access layer using the DataStax Java Driver or the Cassandra Java API to interact with the database.
* Proficient in RDBMS concepts like writing **SQL Queries, Functions, Stored Procedures and PL/SQL Packages** and have knowledge on NoSQL Databases **PostgreSQL**, **MongoDB and CouchDB.**
* Extensive experience with popular **CI/CD** tools like Jenkins, GitLab CI/CD, or CircleCI.
* Experience in core **AWS** **services** like **S3, EC2, ELB, Route53, VPC, Auto Scaling, Relational Database Services** etc., and **deployment services** like **Cloud Front, Elastic Beanstalk, Cloud Formation** and **Security practices** like **IAM, CloudWatch** and **CloudTrail**.
* Extensive experience in developing **Kafka** producers and consumers, utilizing the **Kafka** Java API.
* Strong proficiency in designing, implementing, and managing **Kafka**-based systems using Java.ka
* Knowledge of utilizing cloud technologies including **Amazon Web Services (AWS), Microsoft Azure and Pivotal Cloud Foundry (PCF).**
* Extensive experience in using **JRuby**, an implementation of **Ruby** on the Java Virtual Machine (JVM), to bridge the gap between Ruby and Java.
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Managed servers on the Amazon Web Services **AWS** platform instances using Puppet, Chef, Ansible, Configuration management.
* Designed and implemented custom rule editors and rule management interfaces to streamline the rule development and maintenance process.
* Implemented and designed AWS virtual servers by Ansible roles to ensure deployment of web applications.
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Hands on experience in **Azure Development,** worked on **Azure web application, App services, Azure storage, Azure SQL Database**.
* Implemented cloud services **IaaS, PaaS, and SaaS** which include **Openstack, Docker and OpenShift.**
* Work Experience with testing tools and applications such as **JUnit, Mockito, Firebug, Fire Poster, SoapUI and performed Unit testing, integrated testing** and closely worked with QA team in preparation of Test plans.
* Skilled in integrating Drools with Java applications, utilizing the Drools API to execute rules and drive intelligent decision-making.
* Experience in creating connections for HTTP requests using WebSocket.
* Used Node.JS to create powerful web-based dashboards that checks the services' statuses in an asynchronous manner and pushes data to clients using WebSocket.
* Experience in using **Ant, Maven** build tools and performing unit tests by writing Junit test cases using Junit Frameworks like **Mockito.**
* Experience in writing Build Scripts using **Shell Scripts, ANT, MAVEN** and using **CI (Continuation Integration)** tools like **Jenkins and Hudson.**
* Hands-on experience in configuring and deploying multi-tier applications using servers like **WebSphere**, **Web Logic, Tomcat** and **JBoss.**
* Good Experience with **JMS** services using **Apache Active MQ, IBM MQS**.
* Experience with logging mechanisms like **log4J** & **log back** frameworks.
* Worked proficiently with various **IDEs** including **Eclipse, NetBeans, IntelliJ.**
* Excellent communication skills, highly motivated, innovative problem solver, capable of quickly learning and delivering the solutions individually or as part of a team.

**Education:**

* Bachelor of Electrical Engineering from JBIET, JNTU University, INDIA - 2014

**TECHNICAL SKILLS**

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| Operating Systems | Windows, Macintosh, Unix/Linux. |
| Languages | Java, JavaScript, C, C++, SQL, HQL, PL/SQL, Python. |
| Software Methodologies | Agile, Scrum, Waterfall, Kanban |
| IDE’s | Eclipse, NetBeans, IntelliJ, RAD, WSAD. |
| XML/Web Services | XML, SOA, SOAP, Apache Axis, REST. |
| Frameworks | Hibernate ORM, Spring MVC, Spring Boot, Spring AOP. |
| Databases | ORACLE 10g, MS-Access, MySQL, SQL-Server, DB2, NoSQL, PostgreSQL. |
| ETL Tools | Informatica PowerCenter, DataStage, SSIS, IICS |
| Web/Application Servers | Apache Tomcat, JBoss, Web Sphere. |
| Web Technologies | HTML, CSS, JavaScript, jQuery, Angular 10,12,14 , React, Bootstrap |
| Design Patterns | Singleton, session facade, Front Controller, MVC, DA0, Factory. |
| AWS Tools | S3, EC2, ELB, Route53, VPC, Auto Scaling, Relational Database Service |
| Testing Tools | Apache JMeter, Soap UI, JUnit |
| Build Tools | Ant, Maven, Gradle, Docker, Jenkins. |

**PROFESSIONAL EXPERIENCE**

**Client : CIGNA HEALTH CARE**

**From : March 2023 to Present**

**Role : Sr. Full Stack Developer**

**Responsibilities:**

* Exposed to **Software Development Life Cycle (Scrum)** with **JIRA Agile** following **Agile methodology.**
* Used **HTML5, CSS3 and Bootstrap** for layout design, navigation, animation buttons and icons and developed the application as Responsive Web Application using **CSS media queries and Bootstrap**.
* Developed pages using **Angular directives, expressions, routing capabilities** for **bookmarking, filters, validations,** andAngular UI components such as **grid, buttons, carousels, date pickers, modal dialogs** and otherinput components.
* Extensively involved in writing **JavaScript** calls to retrieve the data from the backend then display on the screen in a well-organized way.
* Used **Spring Security Framework** for user-level authentication with **REST API** for service layer development.
* Developing RESTful Services with JAX-RS 2.0, WebSocket and JSON.
* Creating a responsive dashboard using Angular 2 and RESTful web services, utilizing WebSocket for continuous real-time data feeds.
* Developed custom modular components and services using **RxJS**, **NgRx**, **Angular Material**, **Typescript** to implement key functionalities.
* Design roles and groups for users and resources using AWS Identity Access Management (IAM).
* Setup and support automated Continuous Integration utilizing tools like Jenkins, Shell Scripts, and AWS, CLI/API.
* Implemented and designed AWS virtual servers by Ansible roles to ensure deployment of web applications.
* Developed custom Slack apps using BlockKit to create interactive messages, modals, and workflows.
* Implemented robust error handling and fault tolerance mechanisms using **Kafka's** reliability features, including acknowledgments, retries, and dead-letter queues.
* Utilized **Kafka** Connect to integrate Kafka with external systems, such as databases, message queues, and data lakes.
* Utilized Kafka Streams DSL or Kafka Streams Processor API for stream processing and building real-time data pipelines.
* Utilized JSON to store and retrieve data from databases, NoSQL systems, **PostgreSQL** or external APIs.
* Worked with **React** to handle the view layer of that application by providing the best and most efficient rendering execution, by breaking down complex UIs into individual reusable components. By manipulating the virtual DOM to render web pages faster and create highly dynamic and responsive web applications.
* Error handling and validation mechanisms while parsing JSON data to ensure data integrity and reliability.
* Integrated JSON support in Java applications for configuration management, including reading and writing application settings in JSON format.
* Implemented dynamic content and real-time updates using BlockKit's interactive elements such as buttons, menus, and date pickers.
* Integrated **Apache NiFi** with external systems and services, including data lakes, data warehouses, cloud platforms, and streaming frameworks, to enable seamless data flow and integration.
* Extensive knowledge of the BlockKit's layout blocks, including sections, dividers, actions, and context, to create structured and visually appealing Slack messages.
* Developed API for using AWS Lambda to manage the servers and run the code in AWS.
* Implemented Java EE components using **Spring IOC, Spring Transactions** and **Spring Security modules.**
* Developed Node.JS **Readable and Writable** streams to process the data from the external source of the application.
* Used spring framework with Hibernate to map to **Oracle database** and mapped using Hibernate Annotations.
* Collaborated with cross-functional teams to design, develop, and deploy cloud-based solutions, actively participating in agile development processes, code reviews, and continuous integration/deployment (CI/CD) pipelines.
* Security and compliance standards on GCP by implementing Identity and Access Management (IAM) policies, encryption mechanisms, and adhering to best practices for data protection.
* Applied various JUnit assertions to validate expected results and actual outcomes, ensuring software meets specified requirements.or
* Used JUnit annotations effectively to set up test environments, perform pre and post-test activities, and manage test dependencies.
* Implemented data binding and expression evaluation in **Terraform** templates, facilitating the display of dynamic content based on server-side data.
* Proficient in installing, configuring, and managing JBoss Application Server to support enterprise-level applications.
* Extensive experience in using **JFrog** Artifactory as a repository manager for Maven and Gradle builds. Configured build scripts, managed dependencies, and ensured reliable artifact resolution and caching.
* Integrated Log4j with log aggregation tools like ELK Stack (Elasticsearch, Logstash, Kibana) or Splunk to centralize logs from distributed systems.
* Implemented testing frameworks and methodologies, such as RSpec or Cucumber, to ensure the quality and reliability of **Ruby** code within a Java project
* Skilled in deploying Java-based applications on JBoss, including WAR (Web Application Archive) and EAR (Enterprise Archive) files.
* Experience with **Kafka** ecosystem tools such as Kafka Connect, Kafka Streams, ksqlDB, and Confluent Platform.
* Utilized **Kubernetes** StatefulSets for deploying and managing stateful Java applications, such as databases or message queues.
* Implemented **Kubernetes** resource management practices, such as resource limits, requests, and pod affinity rules, to optimize application performance and resource allocation.
* Implemented Data Lake architectures using modern big data technologies such as Hadoop, Apache Spark, or cloud-based solutions like Amazon S3, Azure Data Lake Storage.
* Implemented query engines and tools like Apache Hive, Presto, or Spark SQL to perform ad-hoc data exploration, querying, and analysis on data stored in the Data Lake.
* Implemented data catalog and metadata management solutions to enhance data discovery and enable self-service data exploration within the Data Lake.
* Utilized monitoring and logging tools like ELK stack (Elasticsearch, Logstash, and Kibana) or Prometheus and Grafana to gain insights into application performance, troubleshoot issues, and facilitate proactive monitoring and alerting.
* Utilized **JFrog** Artifactory as part of CI/CD pipelines to automate the build, test, and deployment processes. Integrated Artifactory with popular CI/CD tools like Jenkins or Bamboo to manage artifacts and ensure smooth deployment workflows.
* Experienced in troubleshooting and resolving issues related to JBoss Application Server, including performance tuning, memory management, and thread optimization.
* Implemented **DAO** layer using **Spring** **JDBC** module to call **DB2** stored procedures from the applications and to access **Oracle** database tables.
* Managed servers on the **Amazon Web Services (AWS)** platform instances using **Chef** Configuration management.
* Integrated **Elasticsearch** with other data processing and analytics tools, such as Apache Spark or Apache Kafka, to create end-to-end data processing workflows.
* Integrated Java applications with Cassandra using the CQL (Cassandra Query Language) to execute queries and retrieve data.
* Used **AWS SDK** for connection to **Amazon S3** buckets as it was used as the object storage service to store and retrieve the media files related to the application.

**Environment:** HTML5, CSS3 and Bootstrap, Java 1.8, JavaScript, jQuery, Angular, Node JS, JMS, JSON, Active MQ, Oracle, Swagger, Hibernate, Spring, Spring Batch, Spring AOP, Oracle DB, Jenkins, AWS, Amazon S3, GIT.

**Client : BT (British Telecom) Virtusa (India)**

**From : Nov 2019 – Feb 2023**

**Role : Sr. Java J2EE Developer**

**Responsibilities:**

* Developed the user interface using **HTML5, CSS3**, **JavaScript, JQuery** and enhanced response using twitter **Bootstrap and Angular.**
* Designed, developed a custom, single-page, responsive web application on front end using Angular.
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.
* Worked with AWS, GCP Cloud platform and its features, which include IAM, EC2, S3, AMI, EBS, CLI, SNS, RDS, Google Cloud Storage, GKE.
* Experienced in S3 Versioning and lifecycle policies to and backup files and archive files in Glacier.
* Using Jenkins AWS Code Deploy plugin to deploy to AWS.
* Integrated GCP services with Java-based applications, utilizing technologies like Google Cloud Pub/Sub, Google Cloud Storage, and Google Cloud Firestore.
* Designed multiple dynamic and multi browser supported pages on React with Redux
* Designing and optimizing database schemas for efficient data storage and retrieval using Google Cloud Datastore and Cloud Spanner as NoSQL.
* Deployed scalable applications on GCP using Java programming language and related frameworks like Spring Boot.
* Monitoring and logging solutions on GCP using tools like Stackdriver, enabling real-time monitoring, log analysis, and proactive troubleshooting of Java applications.
* Implemented **Microservices** based **Cloud Architecture** using **Spring Boot**.
* Implemented microservices architecture on GCP using Java and Spring Cloud, ensuring fault tolerance, scalability, and high availability.
* Designed and developed various **Angular** Components, Services, Directives and Pipes.
* Implemented Angular service calls using **Angular Factory** and used Angular for making restful API calls and data binding.
* Worked with **Kafka** Connect connectors to ingest and export data from various sources and sinks.
* Developed **RESTful** Web Services with **JAX-RS** using Spring Boot and Microservices Architecture.
* Spring Batch is used for Batch processing with which notifications are sent in a timely manner.
* Designed and implemented applications using **Spring Boot, Spring MVC, Spring IOC, Spring Batch, Spring Annotations, Spring AOP, Spring Transactions, Spring JDBC.**
* Developed rule-based workflows using Drools, enabling the automation of complex business processes and decision flows.
* Achieved Dependency injection by creating spring services, spring Dynamic Modules (OSGI), Spring Controllers and DAOs to wire objects of business classes.
* Utilized **Kubernetes** Persistent Volumes and Persistent Volume Claims to manage data storage and persistence for Java applications.
* Experience with **Kubernetes** monitoring and logging tools, such as Prometheus, Grafana, and ELK stack, to monitor and troubleshoot Java applications in Kubernetes clusters. As
* Developed data transformer to convert legacy from source tables to Avro format and fed into **Kafka** using camel.
* Configured JSON to store and retrieve data from databases, NoSQL systems, or external APIs.
* Implemented Batch jobs using **Spring Batch** created various item readers, item writers and item processors.
* Actively kept up-to-date with advancements in both Java and **Ruby** ecosystems to identify opportunities for further integration and improvement
* Implemented proper exception logging using Log4j to capture stack traces, exception messages, and relevant contextual information. Employed Log4j's MDC (Mapped Diagnostic Context) to correlate logs related to specific user sessions or transactions.
* Developed end-to-end web applications using Java, Spring Boot, and Spark framework to meet business requirements and improve overall system performance.
* Designed and implemented scalable and distributed data processing pipelines using Apache Spark, leveraging Spark SQL, Spark Streaming, or Spark ML lib for data ingestion, transformation, and analysis.
* Implemented the authentication and authorization of the application using Spring Security and OAuth.
* Developed **JAX-RS** and Jersey Container for http REST Calls and web services using all formats of data for Transmission like **JSON, XML, TEXT** and others.
* Developed Restful Web services for transmission of data in JSON format.
* Knowledgeable in configuring load balancing and clustering environments using JBoss to ensure high availability and scalability of applications.
* Implemented data ingestion pipelines to extract data from various sources, including databases, streaming platforms, logs, and external APIs, and loading it into the Data Lake.
* Expertise in data governance and metadata management, including defining and enforcing data quality standards, data lineage, and data access controls in the Data Lake.
* Implemented Data transformation and preparation processes within the Data Lake, including data cleansing, normalization, enrichment, and aggregation, to make the data ready for analytics
* Used **JAVA 8** features like **Lambda Expressions, Parallel Streams, and functional interfaces.**
* Developed and executed software systems utilizing **JavaScript** and **Groovy**.
* Developing scripts for build, deployment, maintenance, and related tasks using **Jenkins, Docker**.
* Responsible for Continuous Integration (**CI)** and Continuous Delivery **(CD)** process implementation using Jenkins along with UNIX Shell scripts to automate routine jobs.
* Created and configured the continuous delivery pipelines for deploying micro services and lambda functions using **Jenkins CI** Server.
* Used **Azure Functions** to integrate applications and run backend processes according to schedules without provisioning/managing servers.
* **Used Azure Resource Manager (ARM)** to deploy, update, or delete all the resources for your solution in a single, coordinated operation.
* Used MongoDB as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
* Used RAD as IDE to develop the application and followed the standard features for debugging and running.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system.
* **Log4J** was used to monitor the error logs and used **GIT** as version control tool.
* Followed the Maven build lifecycle to build the application and deployed it into WebSphere application server.
* Developed test cases and performed unit testing using JUnit.

**Environment**: java 8, Java/J2ee, JDK 1.7, Angular JS, Spring,Scala 2.10/2.11, Hibernate, XML, Kafka, Eclipse, WebLogic Application Server, REST, JAX-RS API, HTML5, WebSocket, CSS3, design patterns, SVN, MySQL, AWS, Clear Case, JUnit, AJAX, jQuery, Maven**,** Salesforce.

**Client : Oneworld Sync NESS Technologies**

**From : April 2016 – Oct 2019**

**Role : Sr. Java Developer**

**Responsibilities:**

* Developed the application using Spring Framework that leverages classical Model View Layer (MVC) architecture. UML diagrams like use cases, class diagrams, interaction diagrams (sequence and collaboration) and activity diagrams were used.
* Worked in an agile work environment with Content Management system for workflow management and content versioning.
* Designed and developed Application based on Struts Framework using MVC design pattern.
* Implemented MVC design pattern using JSF 2.0 with Rich faces UI framework.
* Designing, Development, JUnit testing and Integration of many components of the applications from end-to-end, i.e., Front-end (View) to JSF Controllers and configurations to Data Model and JPA mappings as well as generating entities.
* Involved in designing user screens and validations using HTML 5, jQuery and JSF as per user requirements.
* Configured AWS IAM and Security Group in Public and Private Subnets in VPC
* Responsible for using AWS Console and CLI for deploying and operating AWS services.
* 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.
* Designed and implemented solution for on premise Docker Registry and automated its creation using AWS.
* Implemented code quality checks and static code analysis tools like SonarQube or PMD within the **CI/CD** pipeline.
* Used Struts Validator framework for client-side validations.
* Used Spring Dependency Injection properties to provide loose coupling between layers.
* Implemented the Web Service client for the login authentication, credit reports and applicant information using JAX-WS 2.0 and Apache Axis 2.
* Used Web services (SOAP, Rest) for transmission of large blocks of XML data over HTTP.
* Used Hibernate ORM framework with spring framework for data persistence and transaction management.
* Used Hibernate 3.5 object relational data mapping framework to persist and retrieve the data from Oracle and MySQL databases.
* Implemented the logging mechanism using the Log4j framework.

**Environment**: JDK 1.6, Agile Development Process, Struts 1.x, JSF2.x, Spring 3.0, Spring framework, Hibernate 3.5, RSA, JMS, JSP, Servlets, Web Sphere 7.1, AngularJS, Node JS, Apache Tomcat, Oracle and MySQL Databases, AJAX, Windows XP, HTML, WebSocket’s, XML, SOAP, Maven2.x, Log4J, Bootstrap, XML, XSLT, XSD, jQuery, JavaScript, JUnit, SVN.

**Client : Value Labs**

**From : June 2014 – March 2016**

**Role : Java Developer**

**Responsibilities:**

* Developed the application using Spring Framework that leverages classical Model View Layer (MVC) architecture. UML diagrams like use cases, class diagrams, interaction diagrams (sequence and collaboration) and activity diagrams were used.
* Worked in an agile work environment with Content Management system for workflow management and content versioning.
* Responsible for setting up AngularJS framework to achieve data binding between HTML and JavaScript objects.
* Designed and developed Application based on Struts Framework using MVC design pattern.
* Implemented MVC design pattern using JSF 2.0 with Rich faces UI framework.
* Designing, Development, JUnit testing and Integration of many components of the applications from end-to-end,
* i.e., Front-end (View) to JSF Controllers and configurations to Data Model and JPA mappings as well as generating entities.
* Involved in designing user screens and validations using HTML 5, jQuery and JSF as per user requirements.
* Implemented the search functionality for Internal Application using Angular JS.
* Used Struts Validator framework for client-side validations.
* Used Spring Dependency Injection properties to provide loose coupling between layers.
* Implemented the Web Service client for the login authentication, credit reports and applicant information using JAX-WS 2.0 and Apache Axis 2.
* Used Web services (SOAP, Rest) for transmission of large blocks of XML data over HTTP.
* Used Hibernate ORM framework with spring framework for data persistence and transaction management.
* Used Hibernate 3.5 object relational data mapping framework to persist and retrieve the data from Oracle and MySQL databases.
* Used Maven for compilation, packaging and deployment in the Apache Tomcat and WebSphere Application servers.
* Implemented the logging mechanism using Log4j framework.

**Environment**: JDK 1.6, J2EE, JSP, JavaScript, UML, Eclipse, Oracle, WebLogic Application Server 10.3, SOAP, SOA, Spring 3.0, Spring MVC, Hibernate, RESTful, XML, CSS, HTML, Junit, SVN, Log4j, MongoDB, Oracle10g, Jenkins, Ant 1.8, Maven.