**TEJASWINI JALLI**

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**Professional Summary:**

* 10+ Years of experience in Information Technology in various roles with **experience in Design, Analysis and Full Stack Development using versatile frameworks.**
* JavaScript Full Stack Developer with exclusive experience in micro services architecture **using React/Redux.**
* **Hold cutting edge technologies experience on JavaScript and Java tech stack.**
* Experience in developing client-side validations **using Angular 11 and in developing Custom pipes, Shadow DOM.**
* Functional expertise includes **Web Application & Desktop Application, CRM Applications.**
* Expertise with **Object Oriented Design (OOD), Object Oriented Analysis (OOA), Object Oriented Modelling (OOM) based on Unified Modelling Language (UML) architecture.**
* Expertise in developing **SOA (Service Oriented Architecture), REST and J2EE Web Services based on SOAP, BPM, WSDL, JAX-WS, JAXB, JAX-RPC using tools like Apache Axis.**
* Data Engineering experience on development **ETL orchestration and data processing pipelines, workflows or services using EMR, EC2, AWS Glue, AWS Open/Elastic Search, Step Functions, Lambda, S3, Cloudwatch Event bridge, Python/PySpark, Snowflake.**
* **Implemented APIs using Java 8 and Hibernate ORM. Implemented Java EE components using Propellant framework.**
* Designed and implemented complex data integration solutions using Azure Logic Apps and Azure Functions, streamlining data flow between various applications and systems.
* Leveraged Azure Blob Storage and Azure Data Lake Storage for scalable and cost-effective data storage solutions, enabling efficient data archiving and retrieval.
* Experience in using build/deploy tools such as **Jenkins, Docker and OpenShift for CI/CD (Continuous Integration & Deployment) for Microservices.**
* Involved in designing and deploying multitude applications utilizing almost all **the AWS stack (Including EC2, Route53, S3, RDS, DynamoDB, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS CloudFormation.**
* Experience in **Agile software development process, Test Driven Development and Scrum.**
* **Utilized Java 8 features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application.**
* Developed Graphical User Interfaces using **UI frameworks Angular 11 and Webpage's using HTML, CSS and JSP's for user interaction.**
* Proficient in leveraging Azure Databricks and Spark for distributed data processing and transformation tasks.
* Skilled in ensuring data quality and integrity through validation, cleansing, and transformation operations.
* Adept at designing cloud-based data warehouse solutions using Snowflake on Azure, optimizing schemas, tables, and views for efficient data storage and retrieval**.**
* Good knowledge on AWS cloud **formation templates and configured SQS service through Java API to send and receive the information.**
* **Configured Spark streaming** to get ongoing **information from Kafka and store the stream information to HDFS.**
* Comprehensive knowledge in RDBMS databases like **Oracle 10g/11g, SQL Server 2005, 2008, DB2, and MySQL 4.x, 5.0.**
* Experience with complete Spring framework**- Spring Boot, AOP, Transactions, Security, ORM, MVC, spring integration with AWS**
* **Worked extensively with Core Java, Multithreading, Transactions, Exception Handling and Collections**
* Extensive experience in developing **GUIs using Struts, SPRING MVC, SPRING web flow Frameworks.**
* **Experience Hands on with PL-SQL Stored Procedures, Triggers and Views.**
* Experience on **Web Services, SOAP, JAX-RPC, WSDL, JSF, HIBERNATE, EJB, XML**.
* Experience in SPRING, struts frameworks.
* Built real-time data processing pipelines using Azure Stream Analytics, allowing for immediate insights and actions on incoming data streams.
* Orchestrated data workflows and scheduling using Azure Data Factory pipelines, ensuring reliable and automated data movement and transformations.
* Development experience in **Windows, Linux, Mac OS, Docker containers and UNIX operating systems.**
* Used DAO access and **writing DML, DDL and triggers for DB2 database and other client environment specific tools to design the client module.**
* **DevOps Engineering experience on creating AWS resources using terraform code and pipeline creation using CI/CD ongitlab, bitbucket and jenkins.**
* Experience in ins**talling, configuring, tuning Apache Tomcat, WebLogic and WebSphere.**
* Experience in client side designing and validations using **HTML, CSS, JavaScript, AJAX, jQuery, Angular 11 and Nodes**
* Designing the services and endpoints based on **the Domain Driven Design approach and Richardson’s Maturity model.**
* Implemented **Spark using Scala and Spark SQL for faster testing and processing of data**
* Following Domain Driven Design approach for the Micro services and API/Endpoint’s to facilitate reusability and maintenance.
* Utilized **Java 11 features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application**
* Expertise in using issue tracking **tools such as Quality Centre and JIRA.**

**Education:**

* Bachelor’s in computer science Sree Vidyanikethan Engineering college.

**Technical Skills:**

* **Langages**-Java (J2SE1.8/1.6/1.5, J2EE 6/5), SQL, PL/SQL, UML2.0,
* **Technologies**-JSP2.1/2.0/1.2, Servlets2.x, JavaBeans, JDBC, Struts2.x/1.x, RMI, EJB3.0/2.1, Hibernate3.x/2.x, Spring 3.0, Spring 4, SOA, SAX and DOM Parsers, AJAX, JAXB2.1/2.0, JAXP1.x, LDAP, Sybase Power Designer, RESTful and SOAP web services
* **Web Technologies**-HTML/DHTML, XHTML1.1, JavaScript1.x, XML1.0, XSL, XSLT, CSS, Bootstrap, AngularJS, JQuery
* **Development Tools** (IDEs)-Eclipse3.2/3.0/2.1.1, MyEclipse6.0/5.1.1, RAD7.0/6.0, WSAD5.x/ 4.x, NetBeans3.3, MS Visual Studio 2005, Brackets and Web storm
* **Web/Application Servers-**Tomcat 7.x/6.x/5.x, WebLogic10.3/9.2/8.1/7.0, IBM WebSphere 8.x/7.x/6. x.
* **Data Base-Oracle** 11g/10g/9i/8i, MS SQL Server 2005/2000, MySQL5.1/4.1, DB2 9.1/8.1/7.2, Mongo DB.
* **Platforms**-Windows, UNIX, LINUX
* **Methodologies**-Agile Methodology, RUP, Extreme Programming
* **Build Tools**-Rational Rose, CVS, GIT, SVN, VSS, Clear Case, JIRA, Jenkins, JUnit, TestNG, Selenium, Cucumber, Beehive, Mockito, IBM MQ, Log4j, ANT, Maven, Gradle, EC2, VPC, SNS, SQS.

**Professional Experience:**

**Client: Fiserv, United States. Duration: Mar 2022 - Present**

**Role: Full Stack developer**

**Responsibilities:**

* Designing and **programming system-level software, especially for micro services-based APIs and API endpoint implementation.**
* Cloud native frameworks (specifically pivotal technologies), database systems, and relevant programming languages.
* Implemented Router Module of **Angular 11 to make the whole project a Single Page Application** and add routers according to the requirements.
* Worked on analysing Hadoop cluster **using different big data analytic tools including Flume, Pig, Hive, HBase, Oozie, Zookeeper, Sqoop, Spark and Kafka**.
* Worked on **Angular11 CLI to deal with troubleshooting and deal with the Angular11 virtual environment bugs.**
* **Implemented APIs using Java 8 and Hibernate ORM. Implemented Java EE components using Propellant framework.**
* A strong **understanding of the Spring Framework and building software for the cloud.**
* Spring Integration (with a specific focus on) **Async Channels, Global error handling, HTTP Outbound gateway, Spring Cloud Config Server**
* **Developed various commands and helper classes using core Java mainly following multi-threaded concepts and MVC design patterns for the application.**
* **Proficient in Core Java and implementing concepts like Multithreading, Concurrency, Exception Handling, File handling, IO, Generics, and Java collections in various projects.**
* Designed and developed **user interfaces using Spring MVC Framework, Spring** Boot, Hibernate, **JSP , HTML5 , CSS3, Java Script, Angular JS and React JS .**
* **Experience in java 11 features like Parallel Streams, Lambdas, functional interfaces and filters.**
* Designed and implemented complex data integration solutions using Azure Logic Apps and Azure Functions, streamlining data flow between various applications and systems.
* **Developed REST services using Spring Boot, Spring REST and involved in**
* Implemented Angular component-based architecture to create modular **and reusable UI components, reducing development time and ensuring code maintainability using Angular 12.**
* Exposed the application using **Rest Web service, developed http post, get methods based on requirement and handled the errors using http status codes.**
* Developed Azure DevOps pipelines for automating deployment, testing, and monitoring of data engineering solutions, enhancing the efficiency of development cycles.
* Expertise in **Apache Kafka message** implementations and their integrations with the systems.
* Worked on associated **REST tools such as Swagger, Postman** **and SOAP UI testing HTTP Requests and response.**
* Worked on some of the new features of **Angular 11 like new if else syntax, ng-templates, form validators, Router etc.**
* Experienced on spring framework **applications like Spring Core, Spring AOP, Spring MVC, Spring Batch,** **Spring Security, and Spring Boot and did integration to Microservices into the existing system architecture**.
* Design and deploy new features to streamline all the manual operations.
* Closely worked **with Kafka Admin** team to set **up Kafka cluster setup on the QA and Production environments.**
* Developed and maintained responsive web applications using **Angular 12, leveraging the latest features and best practices for optimal performance and user experience.**
* Designed and implemented scalable data ingestion pipelines using Azure Data Factory, ingesting data from various sources such as SQL databases, CSV files, and REST APIs.
* Developed data processing workflows using Azure Databricks, leveraging Spark for distributed data processing and transformation tasks.
* A strong **understanding of the Spring Framework and building software for the cloud.**
* Spring Integration (with a specific focus on) **Async Channels, Global error handling, HTTP Outbound gateway, Spring Cloud Config Server**
* Experienced on spring framework **applications like Spring Core, Spring AOP, Spring MVC, Spring Batch,** **Spring Security, and Spring Boot and did integration to Microservices into the existing system architecture**.
* Had knowledge on Kibana and Elastic search **to identify the Kafka message failure scenarios**.
* Extensive experience in deploying, managing and **developing MongoDB clusters. Experience in creating JavaScript for using DML operation with MongoDB.**
* Designed and developed **the REST based Micro services using the Spring Boot.**
* **Created RFP Micro service to provide RESTful API utilizing Spring Boot with Microservices**.
* Working Knowledge **in EC2 by creating snapshots, volumes and security groups for public and private instances.**
* Designing and developing **Restful API and services using best practices to interact within the Microservices and with the front end.**
* Implemented Angular component-based architecture to create modular **and reusable UI components, reducing development time and ensuring code maintainability using Angular 12.**
* Exposed the application using **Rest Web service, developed http post, get methods based on requirement and handled the errors using http status codes.**
* Worked on Meter for load balancing and **performance testing, and clustering technologies through Kubernetes.**
* Worked on associated **REST tools such as Swagger, Postman** **and SOAP UI testing HTTP Requests and response.**
* **Moved the project to Java 8 to extensively use Lambda expressions and have better connectivity to Cloud in addition adding Spring boot Libraries and UI Enhancement.**
* Designing and developing **Restful API and services using best practices to interact within the Microservices and with the front end.**
* Collaborated with DevOps engineers to develop automated CI/CD and test-driven development pipeline using azure as per the client requirement.
* Built and deployed Docker containers to Azure Container Registry, managing container images and ensuring consistent deployments.
* Collaborated with data engineering teams to implement data pipelines using Azure Data Factory, extracting, transforming, and loading data from diverse sources.
* Leveraged Azure Cosmos DB for globally distributed and highly available NoSQL databases, achieving low-latency data access across regions.
* Participate in planning, implementation, and growth of our **customer's Confidential Web Services (AWS) foundational footprint.**
* Built Cassandra Cluster on both the **physical machines and on AWS**
* Designed and developed **the REST based Micro services using the Spring Boot.**
* Integrated Azure DevOps for continuous integration and continuous deployment (CI/CD), resulting in frequent and reliable releases.
* Utilized Azure Logic Apps to create scalable workflows, automate business processes, and integrate with various services and APIs.

**Environment**: Java 11,Java 8 JDK 17, REST, Core Java, Microservices, SOAP, XML, Angular 12, Spring, Spring Boot, Spring MVC, Docker, Confluence, Git, Jenkins, Kubernetes, Maven, Kafka, Meter, JBoss, Apache Tomcat, Active Mq, Splunk, POSTMAN, AWS (EC2, S3, Cognito, EBS, ELB, CloudWatch, SNS, SQS, SES, Step Functions, Spring framework, Spring Boot, Spring Reactive, Restful webservices, AWS Infrastructure, Cloud formation template, Kafka, Docker, Angular framework, Bootstrap, GraphQL, Azure Data Factory, Azure Service Bus, Azure Event Grid, Azure Logic Apps, Oracle, Type script, ReactJS, HTML5, NoSQL, Openshift, Kubernetes, Node JS, CSS3, JPA, GIT Hub, Jenkins, JSON, DB2, Gradle, Junit, Mockito framework, Swagger, Post man, Jira.

***Client:* *Dish Networks Duration: Oct 2020 – Feb 2022***

***Role: Full Stack developer***

***Responsibilities***

* Involved in reviewing business requirements and functional **designs for application and participated in creating Wire Frames.**
* Involved in Agile process**, bi-weekly Sprints, and daily Scrums to discuss the development and achieve TDD (Test driven development approach).**
* Worked with **Angular 8 Flex Layout that provides a sophisticated layout API using Flexbox CSS and media Query. This module component layout features using a custom Layout API, media Query observables, and can be injected to DOM.**
* Developing single page application by using Covalent open-source framework, **which is built on Angular 8,** Angular-cli, Typescript, Material design, Karma, Jasmine, d3, NGX, SCSS.
* Developed different cloud-based analytics enterprise products like **GSS-CUSTOMER JOURNEY, AI-FRAUD, Analytic -OPS.**
* **Scripting and setup of CI/CD pipeline to deploy and execute ETL utilities on AWS.**
* Involved in implementing the complete Application in the in-**build MVC Architecture with Angular 8.**
* Worked on server-side implementation using spring core, spring annotations navigation from presentation to other layers using **Spring MVC and integrated spring with Hibernate using Hibernate template to implement persistent layer.**
* **Developed a shell script which picks up and changes the server commands for various other scripts to identify the java 8 version.**
* Implemented **Spring Boot and Micro Services to divide the application into various sub modules.**
* Debugging the code using developer tools and Firebug tools and validations by cross-examining the Web pages at different browsers. worked with Jasmine and Karma in testing and performed Unit testing.
* Maintained Interface compatibility and concurrency in the project using **Java 11 new features like default, static methods and Concurrency API.**
* **Used Angular 8 and Confidential Covalent UI as framework to create** **a Single Page Application (SPA) which can bind data to specific views and synchronize data with server.**
* Implemented Microservices Architecture **with Spring Boot based RESTful services and consumed SOAP based Web Services.**
* Developed and deployed Azure Functions for data preprocessing, data enrichment, and data validation tasks in data pipelines
* Implemented the project as a multi-tier application **using Spring MVC, Spring boot, Microservices& used core Spring concepts like AOP, IOC.**
* **Configure backup, alerts, repairs and monitoring of Cassandra clusters using OpsCenter.**
* Administered, monitored and maintained **multi data-centre Cassandra cluster using OpsCenter and Nagios in production.**
* Used MongoDB internal tools like **Mongo Compass, Mongo Atlas Manager & Ops Manager, Cloud Manager etc.**
* Integrated Snowflake with Power BI and Azure Analysis Services for creating interactive dashboards and reports, enabling self-service analytics for business users.
* Optimized data pipelines and Spark jobs in Azure Databricks for improved performance, including tuning of Spark configurations, caching, and leveraging data partitioning techniques.
* Good working experience on **Spark(Spark streaming, SparkSQL),Scala and Spark**
* Worked on MongoDB database concepts such as locking, transactions, indexes, sharding, replication and schema design.
* Collaborated with cross-functional teams to migrate legacy applications to the Cloud, leading to increased application availability and reliability.
* Lead daily stand-ups and scrum ceremonies for two scrum teams.
* Utilized Azure Logic Apps to create scalable workflows, automate business processes, and integrate with various services and APIs.
* Built and deployed Docker containers to Azure Container Registry, managing container images and ensuring consistent deployments.
* Collaborated with data engineering teams to implement data pipelines using Azure Data Factory, extracting, transforming, and loading data from diverse sources.
* Developing **CSS Style for web page using SCSS Structure and also implemented routing and SPA application using Angular 8.**
* Work with product owners **to groom the backlog and plan sprints.**
* Enhance the performance and **capacity of the virtual system of enterprise.**
* **Worked on creating Microservices using Jersey and Spring.**
* Developed **Restful APIs and Microservices using spring, Hibernate and Jersey**.
* Used Express Framework to set up middleware to respond **to the HTTP requests with the help of Node JS.**
* Extensively **used ECMAScript 5.0 for large applications and library creation.**
* Worked on Big Data Integration &Analytics based **on Hadoop, SOLR, Spark, Kafka, Storm and web Methods**.
* Developed the functionalities **under Agile Methodology and used JIRA for task assignment, bug tracking and fixture and used cleaner patterns like module pattern and followed DRY principles.**
* Used Node.js NPM **module Grunt to run tasks and build properly the project (compile, minify, concat etc.).**
* Used GitHub **and Gitlab, private and public repo for version controls and JIRA for defect tracking.**
* Worked with Docker containers, running/managing containers, containers snapshots and managing image.

**Environment**:  HTML 5, CSS 3, JAVA 11, Java 8,Core JavaJavaScript, Angular 8, Angular 12, Angular-Material, Node.js, Express, MongoDB, SCSS, FLEX-BOX, DOCKER, Spark, APP CENTER, HTTP Module, Http Client Module, MEAN STACK, NPM, Azure Databricks, Data Factory, aws Grunt, underscore.js, require.js, crypto.js, passport.js. Java 8, J2EE, Angular 4/6/7/8, XML, CSS, Spring, Hibernate, Struts, WebLogic

***Client: Well care Tampa, FL Duration: May 2019 – Sep 2020***

***Role: Full Stack developer***

***Responsibilities***

* Worked with Business Analysis teams, Product Owner and Clients in collecting and understanding the business requirements and worked with architects in converting them to functional and technical specifications.
* Involved in the **Software Development Life Cycle (SDLC), Requirements gathering, Design, Code, Integration, and Deployment and production phases.**
* Built Restful web services using **Node JS and Express JS and used a full complement of Express.**
* Created Typescript reusable **components and services to consume REST API's using Component-based architecture provided by Angular 7/6.**
* Created and consumed RESTful **API using Express.js to provide centralized logic and reusable data retrieval build on top of Node.js.**
* Built micro services using **Docker, AWS Lambda, and Elastic Beanstalk**.
* Involved in design development and testing of web application and integration projects **using Object Oriented technologies such as Core Java, J2EE, Struts, hibernate, Java Beans, XML, XSLT, XSL and ANT.**
* Implemented Logic for pulling the data from the **REST API with Axios AJAX and issued HTTP requests to interact with REST endpoints.**
* Involved in development of Restful web services using **MERN stack, MongoDB, Express React-Redux and Node JS.**
* Involved in design, develop and implementation of the application **using Spring and J2EE framework.**
* **Built web-based application using Spring MVC Architecture and REST Web-services.**
* Implemented **JSON web tokens mechanism for authentication and authorization security configurations using Node.js.**
* **Used React JS virtual DOM for client-side view rendering services, React-Redux for state management and React-Router for client-side routing for dynamically changing client-side content.**
* Implemented asynchronous logic for **CRUD operations in MongoDB using mongoose connector, and assertions.**
* Created Angular 7/6HTTP Client interceptors to add necessary JWT tokens for the outgoing requests from UI.
* Developed, implemented unit test cases and integration test cases using chai and mocha.
* Use Selenium for creating the web-based test automation suite and perform functional testing.
* We hosted all our micro **services in AWS cloud infrastructure using Jenkins CI/CD pipelines.**
* Used Pivotal Cloud Foundry to quickly build, deploy and update the applications and managed Pivotal Cloud Foundry based platform built **on Kubernetes programming with deployment manager and containerized using Docker.**
* Developed and maintained web applications **using Angular 12, adhering to best practices and industry standards.**
* Implemented a component-based architecture, resulting in improved code reusability and maintainability.

**Environment**: Java, HTML5, CSS3, Typescript, REACT JS, REDUX Chai, Angular 7/6, Spring, Mocha, Git, NPM, YARGS Grunt, Bower, Spring Security (JWT), MongoDB, Kafka, Node.js, Express, Jetty Server, AEM, Kubernetes, Docker, AWS, EC2, Jenkins, Splunk, Git, Pivotal Cloud Foundry, Selenium.

***Client: LBrands, Columbus, OH. Duration: Dec 2017 to Apr 2019***

***Role: Full Stack Developer.***

***Responsibilities:***

* Designed and **Developed UI for Customer Service Modules and Reports using Angular1.5, HTML5, CSS3, Bootstrap3, JavaScript and jQuery.**
* Used a Microservices architecture, **with Spring Boot-based services interacting through a combination of REST and Spring Boot.**
* Configured Queues and **Topics as part of application integration and defined Camel routing between queues/topics.**
* Mainly responsible for developing **Restful API using spring framework. Developed different controllers that return the response both in JSON and XML based on the request type.**
* Web Services **in JAXP based on SOAP protocols using XML and XSLTW and created data sources with JDBC.**
* **Used CSS3 for de scribing the presentation of Web pages, including colours, layout, and fonts. Validations for the Client Side were done using JavaScript.**
* **Maintained 24/7 high volume availability demands using open source tools such as Linux, Apache, PHP, and MySQL.**
* Developed real time tracking of class schedules using **Node JS (socket.io based on socket technology, Express JS framework).**
* Created data model for structuring **and storing the data efficiently and implemented partitioning and bucketing of tables in Cassandra.**
* Involved in securing API proxies using various **mechanisms like API key, Spring OAuth, LDAP, content protection policies in Apigee Edge.**
* Developed application using Spring **MVC- Implemented Various Controllers, used spring's component-scan and auto wiring functionalities.**
* Developed views using Bootstrap components**, Angular-UI and involved in configuring routing for various modules using angular UI router.**

**Environment**: JAVA, JSP, Servlet, EJB, Spring, JavaScript, Hibernate, UML, jQuery, Struts, Eclipse, Apache, Oracle ECM, Struts, Web service, SOAP, ILOG, AWS, ETL, Web2.0, LDAP, Kafka, Apache Tomcat Server, SOA, PL/SQL, Oracle10g, UML, Web logic, Junit.

***Client: Portware LLC, Hyderabad, India. Duration: May 2013—April 2017***

***Role: Java Developer***

***Responsibilities:***

* Developed the User interface using Front-end technologies **such as HTML, CSS, JavaScript, jQuery, and Bootstrap.**
* Developed applications using various design patterns in the project such as Business Delegate,
* Data **Transfer Object, Data Access Object, Service Locator and Singleton.**
* Responsible for developing the web-based admin portal to search the table for messages, view message details, facilitate manual adjustments.
* Developed **CDW core application to process claims, send messages to affiliates with claim information, and update the affiliates with HSA balance information, handle reversals and adjustments using Core Java, Spring** IOC, and Hibernate DAO to maintain persistence and XML for Hibernate mapping.
* Developed CDW batch processing mechanism to process batch files and convert the records to messages for processing by implementing multi-threading concepts, JMS, MQ and Spring batch framework.
* Worked extensively with Ajax and jQuery to dynamically load the content into web pages without reloading the pages.
* Built & deployed scripts **using ANT build tool and used Log4J for debugging of the code.**
* Developed and implemented JSP custom tags for handling cross-side scripting errors.
* Developed middleware service components and DAO components using Spring Framework and Hibernate
* Developed SQL scripts and PL/**SQL stored procedures for querying, populating, and retrieving data from SQL Server.**
* Worked with Spring Interceptors to validate web service requests and send notifications to the subscribers.
* Used SOAP UI tool to generate **request XMLs from WSDL to test the responses**.
* Implemented Hibernate ORM and performed mapping of object classes to the corresponding database tables.

**Environment**: Java 1.7, Hibernate, Servlets, jQuery, JSP, Hibernate, Oracle, AJAX, HTML, CSS, Bootstrap, XML, ANT, Log4J, Maven, PL SQL, CVS, Windows, Linux, Net Beans, Apache Tomcat, SVN, MVC.