Teja | Sr. Full Stack Java Developer

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**CAREER OBJECTIVE:**

With over 9+ years of experience as a Senior Java Full Stack Developer, my main career objective is to utilize my knowledge to continuously seek out innovative solutions and successfully deliver projects. I am skilled at handling tasks and always strive for excellence, ensuring that project deadlines are met efficiently while maintaining high-quality standards. My passion lies in developing cutting-edge software solutions that push the boundaries of the industry. Whether collaborating with teams or working independently in paced environments, I am dedicated to making valuable contributions, towards achieving shared goals and driving success in every project. My extensive experience has honed my ability to consistently meet and exceed project expectations.

**SKILL OVERVIEW:**

 **Front-end:**

I am an experienced front-end developer with a strong track record of creating attractive and user-friendly interfaces using cutting-edge web technologies. I'm proficient in a range of tools and frameworks, including **Angular 14/10/6/4**, **Node.js, React JS, Bootstrap, JavaScript, Ajax, jQuery, CSS4/3, and HTML5**. My expertise lies in making the most of **Angular JS** directives and filters to enhance how web pages work. I'm highly skilled in managing **HTTP** requests through the **rxjs Observable** library and efficiently handling issues that arise based on server responses. My dedication to delivering highly interactive and responsive web applications fuels my passion for keeping up to date with the latest trends in front-end technologies and design.

 **Back-end:**

As a Java Developer, I have experience creating and maintaining robust and scalable systems using the latest Java technologies like **Java11/8.** Proficient in Spring Framework, I specialize in **IOC/AOP, Spring Boot, Spring MVC, Spring Transaction support, and seamless integration with Hibernate.** I have mastered Spring modules such as **Spring MVC, IOC, AOP, JDBC, Spring Dashboard, Spring Microservices, Spring REST, Spring Eureka, and Spring Netflix.** Additionally, I am competent in **EJBs XML, Spring (3/4/Boot) RMI, JMS, JDBC, Servlets, JSP, Hibernate, Web Services, JNDI** with expertise in integrating with **IBM WebSphere,** and other used application servers. I'm dedicated to delivering innovative Java-based solutions while staying current with industry trends like cloud computing, **Microservices,** and **DevOps practices.**Top of Form

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**Databases:**

 With my experience, I have become adept in every aspect of database development, ranging from modeling and design to precise implementation. I specialize in **PL/SQL** Stored procedures and packages, demonstrating an understanding of relational databases like **Oracle, SQL Server, DB2, Postgres SQL, and MySQL.** I'm also well-versed in **NoSQL** databases such as **MongoDB, Cassandra, DynamoDB, and HBase,** enabling contributions to data management solutions. My strength lies in optimizing database performance, ensuring data integrity, and staying updated on database technology advancements.

**Cloud Technologies:**

I have an understanding of cloud technologies specifically focused on Amazon Web Services **(AWS)** with a focus on **EC2, S3, RDS, Lambda, SNS, SQS, IAM,** and **CloudFormation**. These services enable the creation of **servers, scalable storage, managed databases, serverless computing, notifications, message queues,** and **access controls**. My expertise in **AWS** ensures **scalable, reliable, and cost-effective cloud solutions** aligned with company objectives.

**DevOps:**

I have experience, in implementing **CI/CD** strategies using tools like **Maven, Docker, Jenkins, Subversion CVS, Git, and Azure DevOps.** I have successfully managed **Kafka-based** event-driven systems for various business environments. Additionally, I am skilled in using **Kubernetes,** a platform for efficiently managing containerized applications at scale. By leveraging **Kubernetes automation**, I simplify the deployment, scaling, and maintenance of containers across clusters, ensuring resource utilization and high availability.

**Version Control:**

With extensive **Git** expertise, I excel in executing **commands, managing branches, resolving conflicts,** and **merging code**. Proficient in handling repositories, I collaborate seamlessly with remote teams, ensuring a streamlined workflow. I'm well-versed in **Git** platforms like **GitHub and GitLab,** actively overseeing repositories, participating in projects, and enhancing code reviews through pull requests. My comprehensive Git skills greatly enhance version control efficiency and strengthen development processes.

**Testing:**

Exploring automation testing, I have utilized Selenium to automate user interface tasks, integrating **JUnit** and **TestNG**

For testing enhanced by Easymock for data stubbing and proxying. Leveraging my understanding of unit testing, I have used **Mockito in conjunction with JUnit** to ensure outcomes. My testing expertise spans areas like stress testing, integration testing, load testing, and performance testing. These skills enable me to deliver high-quality software solutions that consistently exceed client expectations in terms of quality.

**PROFESSIONAL SUMMARY:**

* 9+ years of experience as a Full Stack Developer with a solid understanding of all the phases of the Software Development Lifecycle (SDLC), this includes Analysis, Design, Development, Testing, and Maintenance of Java Ul applications for large Enterprise Customers.
* ﻿﻿Strong programming skills in **Java, JEE** extensive ability to develop scalable applications.
* Experienced in developing Web Ul Applications using **HTML5, CSS4 Boot Strap, Java Script, Type script, Ajax, Query, Angular 14, React.js, Express.js, Node JS, Query Ul,** and **Spring MVC.**
* Experienced working in both **Agile** and Waterfall based development environments.
* Participating and involving in daily **SCRUM** meetings, weekly sprint planning, showcases, and retrospective and using **JIRA** as a tracking tool for the sprints.
* Have strong exposure and work experience on core Java concepts **collection API, Stream API, Parallel Streams, exception handling, Multithreading, Hash Map, concurrency, JDBC,** executor service, fork and join frameworks. Designed and developed **J2EE MVC** applications using **Struts, Spring MVC,** and **Spring Boot.**
* Expertise in **Microservices** development, highly proficient in designing n-tier Enterprise applications with **J2EE** design patterns like **IOC (Inversion of Control), AOP (Aspect Oriented Programming), MVC,** Business Delegate, Service Locator, Session Facade, **DTO, DAO**
* Expertise in applying **JMS** (Java Messaging Service) for reliable information exchange across Java applications using **Apache Kafka** to communicate from Client to server.
* Experience in building isomorphic applications using **ReactJS** and **Redux** with **Graph QL** on the server side.
* Experience in cloud services using **Amazon Web Services (AWS**) and **Google Cloud Platform (GCP).**
* Expertise in **Apache Kafka** in cluster as a messaging system between the **APIs** and **microservices.**
* Experience maintaining logs by creating **producer, consumer & broker using Apache Kafka**
* Proficient in **JavaScript** and **TypeScript** for creating interactive user interfaces.
* Expertise in **HTML5** and **CSS4**, with a focus on creating visually appealing and modern web applications.
* Experience in integrating **Angular 14** applications with **RESTful APIs** and backend services to deliver data-driven solutions, enabling businesses to make data-informed decisions and enhance user experiences.
* Experience in database development and implementation using different **RDBMS** such as **Microsoft SQL Server, ORACLE, MySQL, PostgreSQL,** and **DB2 and NoSQL databases** such as **MongoDB, Cassandra**.
* Experienced in **SQL** databases like **MS SQL Server and Oracle**, ensuring data integrity and efficient retrieval.
* Highly skilled in building **single-page applications** (SPAs) using **JavaScript frameworks** like **Angular** and **NodeJS**, delivering fast and responsive user interfaces.
* Expertise in several **J2EE technologies** like **JSP, Servlets, JavaScript, Web Services (SOAP, REST).**
* Expertise in **Hibernate, Spring, EJB** (Entity Session Message Driven Bean), **Ajax, Java Beans, JNDI, JMS, Java Mail, XML,** and **Sockets using IDE** like **Eclipse**.
* Experience in **CI/CD** pipelines to integrate the Java code to align with DevOps using Docker.
* Designed and implemented **AWS EC2 Server** setup and **deployment, build, maintenance, and configuration** of various **AWS** resources like **EC2, S3, Lambda, ECS,** **EBS, Elastic Load Balancers, and IAM** Security Groups that are utilized for different environments like **dev, testing, Production.**
* Good working knowledge **of Ant, Jenkins, Maven, and AWS** for project **build/test/deployment, logging,** and **JUnit** for unit and integration testing.
* Experience in Designing, Architecting, and implementing scalable **cloud-based web applications** using **AWS** and **GCP**. Expertise in writing unit test cases with **Mockito** and **JUNIT** and performed integration testing.
* Profound knowledge of the **Kafka ecosystem,** including **Kafka Connect, Kafka Streams, and Schema Registry**, essential for building comprehensive data pipelines

**TECHNICAL SKILLS:**

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| --- | --- |
| **Programming Languages** | **Java/J2EE, SQL, PL/SQL** |
| **Java/J2EE Technologies**  | **Java, JSP, Servlets JDBC, JNDI, JMS, JSTL, Java Beans, RMI, Java Multithreading, Generics and Collections, EJB, Tiles** |
| **Frameworks** | **Spring, Hibernate, MEAN Stack** |
| **Scripting Languages** | **JavaScript, TypeScript, jQuery** |
| **Application/Web servers** | **Apache Tomcat, WebSphere, WebLogic, JBoss** |
| **Relational Databases** | **Oracle, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1, Postgres** |
| **NoSQL Databases** | **Mongo DB, Cassandra** |
| **Internet Technologies** | **HTML 5, JavaScript 1.8, XML 2.0, CSS 3 and CSS 4, jQuery 2.11, Angular JS 2.0, BackBone.JS 1.3.1, Polymer.JS, Node JS 6.0.** |
| **Cloud Environments** | **Azure, AWS, Netflix Eureka.** |
| **IDE’s** | **Visual Studio Code, Eclipse, NetBeans, IntelliJ, IBM RAD, WSAD** |
| **Version Control** | **CVS, Clear Case, SVN, GitHub, Bitbucket** |
| **Operating Systems** | **Windows, Mac OS, Unix, Linux (Ubuntu, Red Hat)** |
| **Testing & Bug tracking Tools** | **JUNIT4/5, Jasmine, Protractor, JIRA 7.0, Bugzilla 4.4.12, Curl 7.36,Blaze meter** |
| **Methodologies** | **Agile, waterfall, Scrum** |
| **Build Tools** | **Ant 1.10, Maven 3.3.9, Gradle 6.4.1** |
| **Web Services** | **SOAP, REST, JAX-WS, JAX-RPC, JAX-RS, SOAP UI.** |

**PROFESSIONAL EXPERIENCE:**

 **Client: PNC Bank, Pittsburgh, PA June 2021 – Present**

 **Role: Sr.Java/J2EE Full Stack Developer**

**Description:** PNC Online Banking takes a personal interest in your banking needs mortgage, investing, credit card,

insurance, consumer, and commercial financial services. This project is based on retail banking which also includes

securing online banking and developing new features like 24 months, live engage, and paperless, and also Zelle

pay Etc..., access account information and view transfers and payments different categories of all products such as,

TV, Video, Camcorder, etc. along with providing different brand preferences.

 **Responsibilities:**

* Worked in Agile development environment with the **test-driven** **development** approach. Implemented **AGILE/TDD** methodology, participated in daily scrum meetings, code reviews, sprint planning and retrospectives as part of **Agile** methodology
* Design and developed the application using framework **Angular 14** with **HTML5, CSS4,** and **Typescript.**
* Expertly developed UI components using **Angular 14**, effectively applying dependency injection, models, data binding, and controllers for seamless user interface creation.
* Skilled in **Angular 14** development using **CLI,** components, routing, services, and testing. Utilized **Angular 14** for enhanced performance and developer-friendly features to build high-quality web applications
* Experience in leveraging **Java 11** latest features, including the **HTTP** Client API and Local-Variable Syntax for **Lambda Parameters,** to optimize the performance and overall efficiency of **Java** applications.
* Utilized **Java 11's** **Nest-based access control** feature to promote strong **encapsulation principles**. This enables classes within the same **nest** to access each other's **private members**.
* Developed **Spring** Boot **Restful/Microservices** and implemented **Spring Eureka, Netflix, Ribbon** as part of **Services Discovery** using **Apache Axis.**
* Implemented **Spring** flow to interact with different modules and extensively used **Spring AOP** and **Dependency injection** during various modules of project.
* Heavily used **Spring Inheritance, Auto-wiring, Core Container, Security, AOP, Spring Quartz** for scheduling tasks to generate reports and emails to clients.
* Proficient in applying Spring Security to implement **OAuth 2.0** authentication and authorization protocols, ensuring secure access to APIs.
* Used **Spring Boot Actuator** for monitoring and managing applications that are running in Production.
* Successfully implemented the **Spring Circuit breaker pattern**, and seamlessly integrated the **Hystrix dashboard to monitor Spring Microservices.**
* knowledge of setting up and configuring **Amazon IAM** to give users granular access to **AWS** resources, as well as working with **EMR** Clusters on **AWS**.
* Effectively utilized **Amazon Web Services** **(AWS**) resources, including **EC2, S3, CloudWatch, and Elastic Beanstalk**, for streamlined code deployment.
* Used **Microservice** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Created the **Docker** containers and **Docker consoles** for managing the application life cycle.
* Used **Kubernetes** to orchestrate the deployment, scaling, management, configuration of **Docker** containers and creating Pods and its management using Kubernetes at run time.
* Contributed to the creation of custom **Docker** container images, including image tagging, pushing, and seamless integration with **Spring Boot** applications.
* Debugged existing software **Kubernetes** and rectified defects for improving code performance.
* Experienced in structuring **API** resources within **Swagger** definitions, encompassing paths, operations, parameters, schemas, and responses using **Swagger-compatible** tools such as **WSO2 API Manager, Kong, and Apigee to facilitate API management**
* Used **Jenkins CI/CD pipelines** to build all our applications to **Docker** registry and then deployed to **Kubernetes**.
* Proficient in **Apache JMeter** for ensuring robust and reliable web application performance.
* Proficiently used **Maven** and **Jenkins** to effectively automate the build and deployment processes, in addition to utilizing **Git** for robust project management and **version control**
* Strong knowledge of **MongoDB** **indexes**, **query** **optimization**, **server-side** **scripting**, and **database** scaling to maximize the database's performance.
* Designed and implemented a **MongoDB NoSQL-based database** and associated **RESTful** web service that persists high-volume user profile data.

**Achievements:**

* Developed a customer portal using **Angular 14** to streamline account management and support requests, resulting in a 30% decrease in response times for customer service.
* Led a team in creating a customized customer portal with personalized dashboards using Java, Angular, and RESTful APIs, resulting in a significant 25% increase in customer engagement and self-service adoption.
* Implemented automated testing strategies utilizing **JUnit, Selenium, and Cucumber,** resulting in a substantial 35% decrease in software defects and a significant enhancement in software quality.

**Environment: Java 11, J2EE, HTML5, CSS4, JavaScript ,Angular14, AWS, MongoDB, Web Services, Spring Boot 3.1.1, Spring data JPA, Junit, Maven, Kafka, Swagger, Spring Tool Suite (STS)**  **Spring Batch, Spring Eureka, Spring Ribbon, Kubernetes, Jenkins, Docker, Cucumber.**

 **Client: GAP, Salem, NH July 2019 to May 2021**

 **Role: Sr. Java/J2EE Full Stack Developer**

**Description:** NGPOS is a system that assists store associates at GAP Inc. to perform store operations. Services tracks

take care of all operations like add product, tax calculations and payments at store. And supports returns and refund

at store for which transactions performed on online.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application.
* Designed and developed the application to be responsive for desktop, mobile and tablets using Twitter **Bootstrap** **(HTML5, CSS4 and JavaScript).**
* Used **Angular 10** for tinplating for faster compilation and developing reusable components.
* Developing single page applications using **HTML5, CSS3, Sass, Bootstrap** and **Typescript.**
* Worked with reusable Components**, Angular** Directives, services, and filters to build the application.
* Developed Application to asset **JSON** and **XML** from **Restful** web service from consumer side using **Angular 10.**
* Used most of the new features of **Java 8** like **lambda expressions** for communicating between business layer and database, stream **API** for Bulk Data Operations on Collections using both streams and parallel streams.
* Implemented J2EE design patterns like Singleton, Factory, **Data Access Object (DAO), Data Transfer Object (DTO)** and Service Locator. Working on **Micro Services** with **Spring Boot using Zuul, REST and Hystrix.**
* Implemented **Spring Circuit breake**r pattern, integrated **Hystrix dashboard** to monitor **Spring micro services**, configured **Swagger-UI** to registered **Microservices** with **Eureka server** and monitored service health check from **Spring Boot** admin console and **Spring Ribbon** for **load balancing.**
* Used **Apache Kafka** as the messaging service with M**icroservices** and **Zookeeper** clusters for publisher and subscriber. Implemented **REST** based web services with **Spring Boot.**
* Upgraded **Spring Rest** Controllers and Services classes to support migration to **Spring framework**.
* Experienced in using the **Spring Data JPA** framework to interact with the database and do **CRUD** operations.
* Used **Multi-threading** to overcome the errors in the process of transactions, handle all threads by main thread process. Implemented Authentication & Authorization with Site Minder and **Spring security.**
* Used **Hibernate** extensively to have Database access mechanism with complex queries through **HQL** and worked on **Hibernate Cache**, **Criteria and Transactions.**
* Experience in end-to-end development and deployment of the application to cloud using **Amazon Web Services** tools as **EC2, S3**, **cloud watch** and **Elastic Bean Stalk.**
* Created **Docker images** and deployments are done to **AWS EC2** container using the **AWS admin Console**.
* Worked on creation of custom **Docker container** images, tagging, pushing images, integration of **Spring boot.**
* Monitor server logs to support logs to support production activities with the help of **Kubernetes logs** and Also experienced in monitoring logs in **Apigee developer portal.**
* Used **Maven** as build and dependency management tool for creating WAR and **JAR file** to be deployed in application servers and integrated with **Jenkins** and **Jenkins Jobs**.
* Experience in working with **NoSQL** Database like **MongoDB** to manage extremely large data sets.
* Resolved **bugs/defects** in application by coordinated with team members of the project to assure a positive outcome using **JIRA**. Used **GitLab** for version control management.
* Developed **test cases** and performed unit testing using **Junit, Jest,** and **Enzyme.**

**Achievements:**

* Oversaw the creation and execution of a real-time network monitoring solution, incorporating Java, Angular 14, and RESTful APIs. This initiative resulted in a noteworthy 30% reduction in network downtime and a substantial enhancement in network reliability for customers.
* Led the design and implementation of an extensively scalable customer management system, utilizing Java, Spring Boot, and MongoDB. This effort resulted in a significant 20% improvement in customer onboarding and support processes.

**Environment:** **Web Services, Spring, Hibernate, HTML5, JavaScript**, **AJAX, CSS4, PostMan, XML, WSDL, Java1.8, J2EE, Tomcat, Kafka, Agile Methodology, Zuul, Hystrix, JIRA processes, Git Lab, Design Patterns, PL/SQL, Junit, Maven, IntelliJ Idea.**

 **Client: Emblem Health, New York, NY May 2018 – June 2019**

 **Role: Java/J2EE Developer**

 **Description:** Emblem Health is set on being the mark of good health in the Northeast. The not-for-profit company provides health insurance through subsidiaries Group Health Incorporated (GHI) and the Health Insurance Plan of Greater New York (HIP). Collectively, the two health insurers cover some 2.8 million New Yorkers, primarily state government and New York City employees. The two companies cover upwards of 90% of Big Apple city workers and retirees. Both provide a variety of managed health plans to their members, including prescription drug and dental coverage, and Medicare plans. GHI and HIP joined together under the Emblem Health banner.

**Responsibilities**:

* Experienced with Software Development Life Cycle (SDLC) with object oriented of business process and worked on developing Service oriented architecture applications in agile development environment.
* Worked with **HTML5, CSS3, JSON, JavaScript, ReactJS** and **ES6** for developing **UI**.
* Created **ReactJS** class Components which provides the life cycle methods.
* Used **ReactJS** with **Redux** to separate the data and presentation layer. Utilized **Redux** stores to handle the states and update the UI. Used **ReactJS, Router** for developing **Single Page Applications SPAs**.
* Proficient in modernizing legacy Spring MVC applications to newer framework versions, integrating new functionalities and industry best practices for enhanced performance and long-term maintainability.
* Successfully migrated monolithic **Spring MVC** project to **Microservices architecture**, leveraging **Docker** containers and **Kubernetes** for deployment and scalability.
* Updated and deleted deploy services in **Kubernetes** for image and Config update **YAML**.
* Used most of the new features of **Java 8** like lambda expressions for communicating between business layer and **database, stream API** for Bulk Data Operations on Collections using both streams and parallel streams.
* Implemented thread safety using **Java 8** Executor Service, Lock API, Synchronization, Multi-threading.
* Used **Spring** Core **Annotations** for Dependency Injection and **Spring Boot** for microservices.
* Designed and developed the **REST** based **Micro services** using the **Spring Boot.** Developed several **REST** web services which produces **JSON** to perform tasks, leveraged by both web and mobile applications.
* Involved in configuring **hibernate** to access database and retrieve data from the **database**.
* Worked on **NodeJS** as the server-side implementation. Worked on **Nodejs** framework “**Express JS**”.
* Worked with **MongoDB** to store non-relational data intlo collection and retrieve them whenever required.
* Good experience on working with **AWS** like **EC2, S3,** **Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS** Identity and access management, **AWS Cloud Watch, Amazon EBS and Amazon Cloud Front.** Selecting the appropriate **AWS service** based on compute, data, or security requirements.
* Implemented **Hibernate** for **Database** Transactions on **DB2**.
* Involved in configuring **hibernate** to access database and retrieve data from the **database**.
* Used **Jenkins** promo job in promoting environment to corresponding **docker** images and test with **Kubernetes.**
* Used **Jenkins** for continuous integration and delivery environment **(CI/CD).** Created and run pipelines to successfully deploy in **Dev, Test, Stage and Prod environments**.
* Wrote **SQL** commands to retrieve data from Postgres db and for triggers to ingest the data.
* Performance tuning and stress-testing of NOSQL database environments in order to ensure acceptable database performance in production mode.

 **Environment: Reactjs, Redux, NodeJS, HTML5, CSS3, Jenkins, GIT Hub, AWS, AWS Lambda, Jest, JMeter, Visual Studio code, AWS Identity and access management.**

 **Client: FISGlobal, Cincinnati, OH Mar 2016 to Apr 2018**

 **Role: Java/J2EE Developer**

 **Description:** FIS is a leading provider of technology solutions for merchants, banks, and capital markets firms globally. Our employees are dedicated to advancing the way the world pays, banks, and invests by applying our scale, deep expertise, and data-driven insights. We help our clients use technology in innovative ways to solve business-critical challenges and deliver superior experiences for their customers. Headquartered in Jacksonville, Florida, for over 50 years, FIS has continued to drive growth for clients around the world by creating tomorrow’s technology, solutions, and services to modernize today’s businesses and customer experiences.

**Responsibilities**:

* During development, I used **Agile** methods and participated in sprints.
* Created Typescript reusable components and service to consume **API’s** using component based architecture provided by **Angular 4.** Worked on the creation of components for routing and forms using **Angular 4.**
* Experience with **Java 8** Lambda, Streams, Pipelines, Filters, Optional and Executor Service features
* Integrated **Spring** with **Hibernate** using **Hibernate Template** to perform **CRUD** operations against the database.
* Designed and developed middleware application using **Spring framework** and Implemented **Java EE** components using **Spring MVC,** **IOC, transactions, Aloofer crosscutting** concerns and spring security.
* Experience with **Java 8** Lambda, Streams, Pipelines, Filters, Optional and Executor Service features
* Designed and developed middleware application using **Spring framework** and Implemented **Java EE** components using **Spring MVC,** **IOC, transactions, Aloofer crosscutting** concerns and spring security.
* Used **Multithreading** as a programming and execution model that allows multiple threads to exist within the context of a single process and to pull data concurrently from multiple resources to generate required files. Used ACW to monitor **AWS services** and Amazon Cloud Watch logs to monitor application.
* Involved in writing Java API for **Amazon Lambda** to manage some of the **AWS services.**
* Migrated applications to the **AWS cloud**. Worked on **NodeJS** as the server-side implementation.
* Deployed Docker contained **Spring Boot services** into **Kubernetes** using **Tectonic Kubernetes** console configure each pod to pick five alerts from the table and updated the pod count to run the application.
* Used **Jenkins** promo job in promoting environment to corresponding **docker** images and test with **Kubernetes.**
* Used **Jenkins** for continuous integration and delivery environment **(CI/CD)**. Created and run pipelines to successfully deploy in **Dev, Test, Stage, and Prod environments**.
* Wrote various scripts for creating/modifying tables, **SQL queries**, and stored procedures and explain plans and **triggers** as per applications requirements and enhanced performance by running the application.
* Worked on a **web application** using **Eclipse IDE, Used Gradle build tool to build and deployed application on Tomcat application server**. Used **groovy** to develop **unit test** cases and **mock testing.**

 **Environment**: **Spring MVC, Agile, Angular 4 Spring Core, Gradle, Jenkins, groovy, Junit, Mockito, Adobe acrobat pro, Java/J2EE, Groovy, AWS, AWS Lambda, GIT Hub, Kubernetes, SQL.**

 **Client: Centrica Informatics, India Nov 2014 to Nov 2015**

 **Role: Java/J2EE Developer**

**Description:** An application is developed to automate the Sales Order Transactions of company. This application keeps track of the information pertaining to the sales transactions such as Customer details, Product or Item description and their Pricing Schedule, Purchase Order details and View and Enquiry of the Order Screens. Designed and developed the Order Processing Module. Involved in the design and coding of this module. The system checks the database for availability and an invoice is prepared.

**Responsibilities**:

* Worked in an **Agile** development environment with the **test driven development** approach.
* Implemented **web service** integration components from **SOA** using **SOAP, WSDL web services**. Developed the **controller servlet** to handle the requests and responses.
* Designed and developed **JSP** pages using the spring framework.
* Implemented the back-end functionality of the modules using Session beans and Entity beans and used **DAO, DTO**, **Business Delegate, J2EE design patterns**. Developed User Interfaces using **HTML, CSS** and client-side validations using **JavaScript.** Used **AJAX** for retrieving data dynamically into the client pages.
* Used Web **services (SOAP)** for transmission of large blocks of **XML** data over **HTTP.**
* Wrote **Hibernate** configuration file, **hibernate mapping files** and defined persistence classes to persist the data into **Oracle Database**. Configured **Hibernate** session factory to integrate Hibernate with **spring**.
* Implemented **unit tests** and code reviews using **Junit.**
* Involved in designing test **plans, test cases,** and overall **Unit testing** of the system.
* Prepared documentation and participated in preparing the user’s manual for the application.

 **Environment**: **: Java, JDBC, JavaScript, Html, CSS, JSP, Servlets, JavaScript, PL/SQL, Tomcat, Oracle, NetBeans IDE, CVS, ANT.**