**SURYA TEJA**

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**Professional Experiences:**

* **Full Stack Java** Professional with **9 Years** of **IT experience** in all phases of **Software Development Life Cycle (SDLC)** which includes development, design, analysis, testing and Integration of various web based and client/server applications in multi-platform environments with **JAVA/J2EE technologies.**
* Experience in developing web applications using **HTML5, CSS3, SASS, LESS, XHTML, XML, JavaScript, AJAX, jQuery, WordPress, JSON, Bootstrap, React JS, Flex, Redux, ES6, React JS, Node JS, Angular JS.**
* Strong working experience in developing **Service Oriented Architecture (SOA)** and **Microservice Architecture** based **J2EE** applications on **AWS, Pivotal Cloud Foundry (PCF).**
* Expertise in **Core Java** concepts, such as **Object-Oriented Design** (OOD)/**Object-Oriented Programming** (OOP), **Multi-Threading, Generics, Exception Handling, Collections, Java Reflection, Annotation**, and some new features in Java 8 like **Functional Interfaces, Lambda expressions, Date & Time API.**
* Experience in **Microservices, Pivotal Cloud Foundry**, and Engagement using **Spring Boot.**
* Proficient in using frameworks and technologies like **Struts, Hibernate (ORM), spring (DI/MVC/AOP/batch/ Templates), Web Services (AXIS, Jersey), JMS, Log4j.**
* Strong experience in **Spring** modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, ORM, Spring Dashboard, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Zuul Proxy**
* Expertise in developing **SOA (Service Oriented Architectures)** and **Micro-Service** architectures using **J2EE** web services based on **Restful (JAX-RS), SOAP(JAX-WS), JAX-RPC and JAX-R (Java API for XML Registries)** using frameworks like **Apache CXF, Jersey, Apache Axis.**
* Developed **UI** with **JavaScript, Bootstrap, HTML5, CSS, MVC frameworks** such as **Angular JS, React JS.**
* Proficiency in designing and developing modern day applications using **Spring Boot Microservice** architecture on an **AWS** for backend development **Dockers, Kubernetes** using **DevOps** practices.
* Implemented latest **React features** such as **React Context API, React Hooks, Functional Components,** and **middleware** such as **Redux Thunk, Redux-Saga.**
* Experience in **React JS** for creating **interactive UI** using **One-way dataflow, Virtual DOM, JSX,** and **React Native** concepts and Familiar with creating **Custom Reusable React** Components Library.
* Pleasant experience working on **Bootstrap**, **CSS3** media queries to support **Responsive Web Design (RWD).**
* Expertise in developing **data models** using **Hibernate** **Object relational mapping (ORM**) framework and used **Hibernate Annotations** to reduce time at the configuration level.
* Expertise in **Angular JS controllers, directives, factory** **&** **service resources, routings**, and **events.**
* Proficient with build automation tools like **Gradle, Maven**, **Ant** for deployments to different environments.
* Proficient in using the **IDEs** such as **Eclipse, IntelliJ IDEA**, and **NetBeans**.
* Knowledge of **Angular 9** features **like dynamic unloading, dynamic loading, virtual scrolling** for a faster experience for **users**, and **drag-drop module** automatic rendering has become a possibility.
* Experience in **Angular 4/6/8** along with **Bootstrap**, and **CSS 3/4** to create reusable components.
* Experience in developing **Web-centric** applications using **XML, Angular JS, JavaScript, jQuery,** and **CSS.**
* Experience in working with Relational Databases like **Oracle, MySQL, DB2, MS SQL Server using SQL, PL/SQL,** and **NoSQL** databases such as **MongoDB & Cassandra.**
* Experience in **JMS** over messaging to exchange info. in more reliable and asynchronously for enterprise applications. Experience in creating **Docker images, Containers**, **push/pull**, integrating with **Spring Boot.**
* Proficient in using **AWS services** like **EC2, RDS, ELB, Route53, Lambda, IAM, Cloud Watch, S3, SQS, SNS.**
* Experience in unit testing the applications using **Junit,** developed **logging** mechanism on **Apache Log4J.**
* Developed **single-page applications** using **Angular 8, Typescript, Declarative User Interface**, and **POJO**.
* Configured **AWS** **Identity** & **Access Management (IAM) Groups** and Users for improved **login** authentication.
* Experience in configuring, deploying apps into **Tomcat, WebSphere, WebLogic, JBoss, Glassfish Servers**.

**Technical Skills:**

* **Operating Systems:** Windows, Macintosh, UNIX and Linux
* **Languages:** C, C++, Java v1.8/11, JSP, J2EE, SQL, DHTML, JavaScript, Python
* **Java/J2EE Technologies:** JSP, Servlets, AngularJS, Angular2/4/6, JQuery, Node.JS, EJB, Hibernate, Struts, spring, JDBC, HTML5, DHTML, XML, CSS3, JSON
* **Web Technologies:** HTML5, DHTML, CSS3, XML, JavaScript, AJAX, JSP, AngularJS, Back bone JS, NodeJS,
* **XML/WebServices:** XML, XSD, SOA, WSDL, SOAP, Apache Axis, DOM, SAX, JAXWS, JAXRS, XML Beans,
* **Frameworks:** Struts, Hibernate ORM, Spring MVC, SpringBoot, Spring AOP
* **RDBMS:** Oracle 10g, MS Access, MySQL, SQL Server, DB2
* **Web/Application Servers:** Apache Tomcat, JBoss, WebSphere, WebLogic
* **IDE’s:** Eclipse, NetBeans, Web Storm
* **Design Patterns:** Singleton, session facade, Front Controller, MVC, DAO, MVVM.
* **Version Controls:** GIT, SVN, CVS
* **Methodologies:** Unified Modeling Language (UML), Rational Unified Process (RUP), Agile.
* **Build Tools:** Ant, Maven, Gradle, Docker, Jenkins

**Professional Experiences:**

**CSAA, Walnut creek, CA Jun 2022 - Till Date**

**Sr. Java Fullstack Developer**

**Responsibilities:**

* Developed server-side applications using Node, Angular to get scalability in real-time web applications.
* Worked on React to develop SPA and UI pages using HTML5, Angular 8, Bootstrap, CSS3, jQuery.
* Enhanced application performance by Angular Component development for future Angular transitions.
* Developing screens using HTML5, CSS3, SASS, JavaScript, jQuery, Angular, and AJAX.
* Management and Administration of AWS Services CLI, EC2, VPC, S3, ELB Glacier, Route 53, CloudTrail, IAM.
* Implement modules into Node JS to integrate with designs and requirements.
* Used React & Redux Dev Tools plugins to observe component state and prop changes instantly.
* Worked on responsive design and developed a single isomorphic responsive website that could be served to desktop, Tablets and mobile users using React JS.
* Worked on MongoDB, mongoose for database persistence using Node JS to interact with MongoDB.
* Designed and developed Microservices business components using Spring Boot.
* Created reusable and testable React JS functional and class components using es6.
* Used Spring Boot to build Microservices, developed Spring application (faster with very less configuration).
* Developed Web interface using React JS, HTML, CSS, JavaScript, and Bootstrap.
* Used node JS for the management on interchange of the data between the servers and Used NodeJS, Express JS to create server-side MVC framework with MongoDB.
* Developed REST APIs using Spring MVC and Spring Boot and hosted all microservices on PCF.
* Developed RESTful APIs to facilitate communication between front-end applications and back-end services.
* Implemented screens for front end using React JS and used various predefined components from NPM (Node Package Manager) and redux library.
* Delivered high-quality modules on the AWS stack using AWS Lambda, SNS, and Elastic ache with Redis.
* Designed configuration XML Schema for the application and used JavaScript for the client-side validation.
* Used React-Router to turn application into Single Page Application.
* Implemented content switching using React JS routing and fetched data through asynchronous call.
* Involved in responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets, and mobile users using React JS
* Select the appropriate AWS service based on computing, data, or security requirements.
* Integration of Amazon Web Services (AWS) with other applications infrastructure.  Implemented automated local user provisioning instances created in the AWS cloud.
* Designed and developed multiple batch processes using Spring Batch using Spring Boot.
* Implemented pre-authentication and data base security using Spring security and securing application access and Spring Batch for scheduling and maintenance of batch jobs.
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags.
* Designed and developed multiple batch processes using Spring Batch using Spring Boot.
* Deployed Microservices as Restful Java Web Services on AWS (Amazon Elastic Beanstalk).
* Configured AWS Identity & Access Management (IAM) Groups and Users for improved login authentication.
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Used Jenkins for CI/CD Continuous Implementation and Continuous Delivery.
* Implemented stable React components and stand-alone functions to be added to any future pages.
* Created the Docker containers and Docker consoles for managing the application life cycle.
* Prepared JUnit and Test NG test cases and executed them as part of auto build process from Jenkins Jobs.

**Environment:** Java8/11, Microservices, Node JS, HTML 5, CSS 3, Bootstrap, React, JavaScript, JSON, Ajax, Maven, Hibernate, Spring Boot, Restful, Agile SCRUM, IntelliJ, AWS, Jenkins, Git, Docker, JUnit, Log4j, Oracle, Swagger.

**Delta Airlines, Atlanta, GA Apr 2021 – May 2022**

**Sr. Java Full Stack Developer**

**Responsibilities:**

* Developed application using Core Java, Multi-threading, Spring MVC, Spring Boot, J2EE, Hibernate, REST.
* Developed UI pages using HTML5, Bootstrap, CSS3, JavaScript, jQuery, AJAX, React JS, Node JS.
* Used Core Java concepts like Exception Handling, Collection APIs to implement features & enhancements.
* Worked in DOM, React Props, Lifecycle methods and with React States and Events
* Used Angular HTTP services to perform backend REST services interactions to get and post JSON data.
* Implemented REDUX architecture with Angular using angular-redux for unidirectional data flows.
* Created webpages in angular data, template driven forms to create asynchronous validation on server side.
* Developed all client-side logical implementation part of applications with React JS.
* Extensively used React-Router techniques Axios service to retrieve data from server synchronously.
* Used Streams and Lambda expressions available as part of Java 8 to store and process the data.
* Used React JS as UI framework which wrapper on top of Flux architecture and gulps enhanced workflow.
* Developed Single Page applications using Angular 6 using components, and directives using Typescript.
* Created components, modules, and directives using Angular 6
* Worked on the web page enhancements using HTML, CSS, Angular 6, JavaScript, Servlets, and JavaBeans.
* Used AWS Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor applications.
* Developed Microservices by providing design and POC model. And using Spring Boot.
* Created and implemented PL/SQL stored procedures, functions, cursors, and views using SQL.
* Develop Java, J2EE-based web applications using Java frameworks like Spring, Spring boot and JSP.
* Worked on client-side programming using JavaScript for validations, form submission, etc.
* Used Node JS as a proxy to interact with Rest services and Database, building real-time Web APIs.
* Involved in developing UI components using Angular 6 and JSON to interact with RESTful web services.
* Used Angular 6 as a framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with the server.
* Develop UI automation for Node JS, Angular 6, Microservices have been built using spring boot, Netflix OSS, spring cloud, and deploying to AWS Cloud.
* Built Microservices (REST & SOAP) using Spring boot, Spring security and deployed to the AWS cloud.
* Managed versioning of RESTful APIs to maintain backward compatibility while introducing new features.
* Installed AWS CLI to control AWS services through SHELL/BASH scripting.
* 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.
* Developed front-end screens using Java, HTML5, DHTML, JavaScript, jQuery, JSON, node JS, CSS, Ajax.
* Used Maven as build tool and deployed the application, Developed Jenkins job to deploy project automatically in QA and Production environments.
* Wrote database triggers, procedures functions in PL/SQL and incorporated business rules and constraints.
* Migrated existing application into Microservices (REST) to provide CRUD capabilities using Spring Boot.
* Set up Jenkins server to build jobs for continuous automated builds on GIT during the day and periodic scheduled builds overnight to support development needs using Jenkins, GIT, JUnit, Selenium, and Maven.
* Developed test cases using the JUnit/ Mockito, Maven to achieve more functionality for the build process.

**Environment:** Java 8, Spring 3.x, Spring Boot, XML, JSON, Linux, Angular, React, CSS, JavaScript, jQuery, Node JS, GIT, Maven, AWS, Kafka, RESTful, JIRA, MongoDB, Microservices, Oracle 11g, Junit, Jenkins.

**Bank of America, Charlotte, NC Jun 2019 – Mar 2021**

**Java Full stack Developer**

**Responsibilities:**

* Implemented the Project structure based on Spring MVC pattern using Spring Boot.
* Developed RESTful service interface using Spring Boot to the underlying Agent Services API.
* Used Spring Inheritance to develop beans from already developed parent beans.
* Designed and Developed REST Web Services based on REST architecture, implemented various HTTP methods, did Error Handling to provided data to the front end Angular 6 in JSON format.
* Designed the user experience using UI Libraries including ReactJS, JavaScript.
* Experienced with event-driven, scheduled AWS Lambda functions to trigger various resources.
* Implemented REST Microservices using spring boot. Generated Metrics with method-level granularity and Persistence using Spring AOP and Spring Actuator.
* Developed user interface with HTML5, CSS3, SAAS, JSON, AJAX, Angular 6 and TypeScript.
* Developed with single page application framework Angular 6 extensively using routing, services, views, directives navigation through the different status and multiple modules.
* Developed reusable UI Components in Angular 6. Established simulation service with Spring Boot, REST.
* Used Angular 6 HTTP Module to make API calls and worked with the observables.
* Used other front-end technologies such as JavaScript, jQuery, HTML5, CSS 3.0, and Bootstrap.
* Microservices have been built using Spring boot, and Spring security and deployed to the AWS cloud.
* Developed User Interface (UI) Rich Web Applications and Web Service Applications using HTML 5, CSS 3, XML, AJAX, Object-Oriented JavaScript, Angular 6, Bootstrap, RESTful services, JAVA, JSP
* Integrated Spring ORM frameworks Hibernate for database operations with ORACLE.
* Used Hibernate Transaction Management, Hibernate Batch Transactions, and Cache concepts.
* Used Apache Kafka for building real-time streaming data pipelines (Message Queues) for the asynchronous exchange of vital information between multiple business applications.
* Developed RESTful service interface using Spring Boot to the underlying Agent Services API.
* Worked on React JS Virtual Dom and React views, rendering using components that contain additional components called custom HTML tags. Performed Service Level Testing for Web services using Soap UI.
* Written SQL scripts and PL/SQL Scripts to extract data from Database and for Testing Purposes.
* Developed microservices with Spring to retrieve API routes for the entire cluster. Using this strategy each Microservice in a cluster can be load balanced and exposed through one API gateway.
* Involved in writing Java API for AWS Lambda to manage some of the AWS services.
* Designed the user experience using UI Libraries including ReactJS, JavaScript.
* Utilized AWS Lambda to upload data into AWS S3 buckets and to trigger other Lambda functions.
* Developed Multi-Threaded Producer and Consumer MQ applications using spring boot.
* Operated several OpenShift projects involving clustered container orchestration and management.
* Installed the application on AWS EC2 instances and configured the storage on S3 buckets.
* Worked on creation of custom Docker container images, tagging, and pushing the images.
* Developed Mockito and JUnit test cases to improve code coverage.
* Designed and developed Microservices business components using Spring Boot.
* Implemented unit tests for testing Angular components with frameworks using Karma and Jasmine.
* Created JSON request and validated the response using postman Interceptor and Swagger UI.
* Set up CI/CD pipeline process for the application using the Jenkins.
* Monitored the Error logs using Log4j and fixed the problems. Used Apache Maven as build tool.

**Environment:** Java 8.0, Spring 4, Hibernate 4.2, React, Spring batch, Spring Boot, JPA, JavaScript, Angular, HTML5, CSS 3, Oracle 11g, log4j, Junit, TestNG, Microservices, Selenium, RabbitMQ, XML, Web Services, SOAP.

**Global Logic, Hyderabad, India Mar 2017 - Dec 2018**

**Java Full Stack Developer**

**Responsibilities:**

* Adopted Microservices architecture to gradually replace a core monolithic application to Microservices.
* Developed UI using AngularJS with jQuery. Included two-way binding, DOM manipulation to build Web pages which is more user-interactive using jQuery plugins for Drag and Drop, AJAX, JSON, Angular JS.
* Implemented Model View Controller (MVC) to develop Form classes, Action Classes for spring application.
* Used Spring MVC for REST, Spring Boot for microservices & Core annotations for Dependency Injection. Developed application using Angular JS, Node JS, Typescript, JSP, CSS3, HTML 5, jQuery, Bootstrap, JavaScript.
* Developed user interface by using the React JS, Flux for SPA development.
* Involved in developing UI using HTML5, CSS3, Bootstrap, Ajax, React JS, JavaScript, Typescript, jQuery.
* Developed real time tracking of class schedules using Node JS (socket.io, Express JS framework).
* Worked with Tomcat server to deploy the applications and configure multiple data sources messaging.
* Used React-Router to turn application into Single Page Application.
* Developed Spring Boot application with Microservices and deployed it into AWS using EC2 instances.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Managed Eureka Client, Eureka Server, Eureka Instance, Eureka Service through Spring Boot.
* Implemented Microservices Architecture with Spring Boot, Eureka Client, REST, SOAP, Hibernate.
* Enhanced application performance by Angular 7 Component development for future Angular transitions.
* Created custom, self-contained, reusable angular modules, controllers, and services to implement key functionalities for customer account summary.
* Developed the Services using AWS Elastic Search, Restful Services using JAX-RS and Java
* Secured the REST API’s by implementing OAuth token-based authorization scheme using Spring security.
* Expertise in spring based microservices, and enabled discovery using Eureka Server.
* Designed and developed RESTful Web Services using Spring Boot.
* Worked on React JS to create interactive UI using One-way data flow, Virtual DOM, React Native concepts.
* Defined Angular routes with Router module for components to enable lazy loading (modules, components).
* Involved in using React Component for UX-Library consisted of Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown and many more.
* Used React JS for templating for faster compilation and developing reusable components.
* Implement modules into Node JS to integrate with designs and requirements.
* Developed server-side application to interact with database using Spring Boot and Hibernate.
* Developed RESTful Services with Java using JAX-RS, Jersey, and Spring Boot.
* Used Active MQ as messaging service. Worked on NOSQL database as part of Open-Source participation.
* Unstructured data was handled using Mongo DB, used Mongoose Connector for connecting to database.
* Worked on various databases like PostgreSQL, MySQL.
* Coding for consuming the REST APIs, getting JSON response, and parsing them to get the required formats.
* Documented the REST API’s using Swagger API for briefing the services involved in the application.
* Use AWS Cloud Watch to monitor AWS services & AWS Cloud Watch logs to monitor the application.
* Installed application on AWS EC2 instances and configured the storage on S3 buckets.
* Changing the AWS infrastructure Elastic Beanstalk to Docker with Kubernetes.
* Used Jenkins to execute the Maven project as well to build the version system tool.
* Maintained cloud & test environments and automation for QA, Product Management and Product Support.
* Extensively Used Jenkins as CI/CD tool to deploy the Spring Boot Microservices to PCF using build pack.
* Used Pivotal Cloud Foundry (PCF) to quickly build, deploy, and update the applications.
* Developed JUnit test cases for Persistence layer and Business layer to perform the unit level testing.
* Developed unit testing scripts Jest for testing the react components using Enzyme and react test renderer.

**Environment:** Java 8, Spring, Hibernate, Spring Boot, MVC, Microservices, JavaScript, React JS, HTML5, CSS3, REST, SOAP, Tomcat, MySQL, MongoDB (NoSQL), log4j, GIT, Junit, AWS, PCF, TypeScript, XML, Web Services.

**Idea Labs, Hyderabad, India Jul 2014 - Feb 2017**

**Java Full Stack Developer**

**Responsibilities:**

* Involved in analysis, design, implementation, and testing phases of Software Development Life Cycle (SDLC) based on the functional requirements. Upgraded existing UI with HTML5, CSS3, jQuery, Bootstrap.
* Migrated from Angular 2 to Angular 4 for making the code lesser, cleaner, improving the performance by supporting the new version of Typescript which increases Type security and speed of NGC-Compiler.
* Worked with Angular JS Controllers, Directives, Services, and filters for application functionality.
* Implemented the application using Spring IOC, Spring MVC Framework, Spring AOP, Spring Boot, Spring Batch, and handled the security using Spring Security.
* Created features like Single Sign On with existing client website and a REST API to expose manipulation functionality to external clients using Angular JS, Reactive forms, performed validations using Angular 4.
* Designed architecture and developed microservices using Spring boot and Rest API.
* Defined Controllers, Business Layer, DAO with Hibernate/JDBC, Spring IOC (Dependency Injection).
* Created Typescript components, services to consume REST services using Angular component architecture.
* Employed Spring Boot for initialize and bootstrapping the build configuration for web applications.
* Implemented Microservices, SOA with XML Webservices (SOAP) using Top Down, Bottom-Up approaches.
* Developed the persistence layer using Hibernate Framework, created the POJO objects and mapped using Hibernate annotations and Transaction Management. Developed JUnit test cases for Persistence layer.
* Extensively used hibernate named queries, criteria queries, Hibernate Query Language (HQL) and Optimistic Locking and Caching to process the data from the database.
* Created Data Access Objects (DAO) for addition, modification, deletion of records using specification files.
* Consumed SOAP and RESTful Web Services in SOA environment and used SOAP UI for testing.
* Created AWS Cloud Formation templates to launch AWS Infrastructure. Used AWS Lambda to run the code in the AWS. Created a CI/CD pipeline using Maven, Jenkins, Ansible, Docker and AWS container service.
* Deployed the Docker image of services building Docker file and build a continuous delivery pipeline for containers using AWS Code Pipeline and AWS ECS.
* Manipulated data using CRUD operations of MongoDB and handled database access using Node JS.
* Implemented Apache Kafka producer, consumer for asynchronous stream processing, and search APIs using data indexing on Elastic Search.
* Written Stored Procedures and SQL Queries to interact with MS SQL Server.
* Extensively used JUnit for unit testing, integration testing and production testing.
* Involved in installing and configuring Maven for application builds and deployment.

**Environment:** Java, HTML, CSS, Bootstrap, jQuery, Node JS, Angular2, Spring, MVC, Spring Batch, Spring Security, Spring Boot, Kafka, Microservices, PCF, SOAP, RESTful, Active MQ, Log4j, SOA, Tomcat, JUnit, Maven, GIT, JIRA.

**Education:**

* Master’s in computer science from Wright State university, Dayton, Ohio
* Bachelor’s in computer science from KL University, AP, India