**Tanuja Naidu**

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**Professional Summary:**

* Over all 9+ years of experience in design, development, and integration of software applications and framework design using object-oriented and enterprise technologies in an Agile working environment.
* Strong understating in Core-Java with a strong understanding of OOPS Concepts, Collections, Exception handling, Multithreading/Concurrency, and Garbage collection
* Experience in working on different operating systems like Windows and Unix.
* Experience in working with Angular 8 modules, services, templates, directives, services and dependency injection to create Single Page Applications.
* Experience in working with Struts framework. Hibernates, and MVC architecture.
* Developed UI pages with JSP, HTML5, CSS3, JavaScript, jQuery, and used Bootstrap for creating Responsive Web pages. Strong experience in development under SDLC and Agile Methodology. Experience in Object-Oriented Analysis, Design, and Programming of distributed web-based applications.
* Experience in Front end technologies Angular 8, JavaScript, and Typescript.
* Expertise in designing and coding stored procedures, functions, triggers, packages using SQL, MySQL, and PL/SQL with tuning concepts.
* Experienced in Test Driven Development, Bug Fixing, Life cycle traceability and for control of software development life cycle.
* Experience in configuring and deploying the applications on Tomcat 10.x/9.x/8.x and IBM Web Sphere.
* Good experience with MongoDB development (reports, schema design, map-reduce functions).
* Highly self-motivated with strong analytical, communication, and problem-solving skills, excellent team player, and ability to deliver under critical situations
* Experience in developing J2EE applications on different IDEs such as Eclipse, IntelliJ, and Spring Tool Suite.
* Experience in Version Control tools like Git, Bitbucket, and GitLab.
* Good experience on working with Amazon Web Services like EC2, S3 , Amazon SimpleDB, AWS Cloud Watch, Amazon EBS and Amazon CloudFront.
* Good experience in J2EE Testing in developing test cases with JUnit, MOCKITO for Unit testing, and logging using Log4j.
* Good Experience in Mock Testing.
* Experienced with implementation and development using Oracle, My SQL, MSSQL and DB2.
* Expertise in database modeling and development using No SQL Databases such as MongoDB and Cassandra.
* Experience in using the tools like Ant and Maven for build automation.
* Extensive experience in testing on multiple operating systems including Linux, Windows.
* Domain knowledge and business expertise in Banking,Insurance, and finance.

**Technology Stack:**

* Java/J2EE Spring, Spring Boot, JDBC, JSP and Servlets.
* Languages Java1.8, JavaScript, Typescript and SQL.
* Servers Apache Tomcat and IBM Web sphere.
* Frameworks Spring, Spring Boot, Hibernate and Structs.
* Web technologies HTML, CSS, Angular 8 & 9, Bootstrap, ReactJS, Typescript, Spring MVC IDE’s Eclipse, IntelliJ, Spring Tool Suite and Visual Studio Code AWS, EC2, S3.
* Web Services: SOAP, JAX-RS, JAX-WS, RESTful Web services,AWS,Microservices
* Methodologies Agile, TDD and Waterfall model, Database Servers Oracle, MySQL. Version Control GitHub, Bit Bucket.

**Work Experience:Paramount Pictures Ltd. Aug 2021 - Present**

**Role: Senior Java Full Stack Developer**

**Responsibilities:**

* Involved in developing components on Reporting Dashboard with Spring MVC, Spring boot, Spring Framework and Hibernate.
* Worked as part of the Micro-services team to develop and deliver Maven projects to deploy on Tomcat .
* Extensive experience in various Agile methodologies like Test Driven Development (TDD)
* Involved in developing UI using Spring MVC framework, JSP, JSTL, HTML5, CSS, Javascript, JQuery,AJAX and Angular 8.
* Created Reusable Modules and Custom Directives in Angular 8 which got used in various places of application.
* Implemented Angular 8 Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory tested all application controllers extensively with Angular8 built-in testing facilities.
* Extensively used core java concepts like Multithreading, Collections Framework, File I/o and concurrency.
* Experience in Core Java concepts such as OOP Concepts, Collections Framework, and Exception Handling, I/O System, Multi-Threading, JDBC, Generics.
* Used Java8 features in developing the code like Lambda expressions, creating resource classes, fetching documents from database.
* Used design patterns like Singleton, Data Access Objects, Factory and MVC patterns.
* Testing and production support of core java based multithreading ETL tool for distributed loading XML data into Oracle database using JPA/Hibernate.
* Created DAO’s for the database entities using Spring JDBC annotation mappings
* Integrated with Spring Cloud projects to provide distributed tracing and other features.
* Developed microservices with Spring and tested the application using Spring Boot.
* Used Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest API’s and Spring Boot for microservices.
* Development of cloud hosted web applications and REST APIs using Spring Boot with embedded Tomcat.
* Developed GSA, LSS and SDL using C++, Multithreading and socket programming.
* Deployed the application on Amazon Web services (AWS) and used it to provide a large computing capacity for scalable solutions.
* Deployed applications into Continuous integration environments like Jenkins to integrate and deploy code on CI environments for development testing.
* Integrated ActiveMQ and spring JMS API to send and receive messages for the application’s restfulAPI.
* Experience in design and development of Web services, JTA, JMS and XML,XSD, XSLT, X-Path.
* Wrote build scripts using Maven.
* Developed the persistence layer using Hibernate Framework.
* Experience in NoSQL databases like MongoDB installation, configuration and in
* designing MongoDB multi-shared cluster and monitoring with MMS.
* Installed the WebSphere MQ and involved in configuring MDB listeners, JMS resources, and queues and integrating with the WebSphere Application Server.
* Configuring WebSphere Application Server on multiple platforms for both horizontal and vertical scaling for Workload Management.
* Experience in working with NoSQL Databases like MongoDB to manage extremely large data sets.
* Used log4j to print the logging, debugging, warning, info statements.
* Implemented Selenium Web Drivers and Protractor For testing the UI components.
* Involved in setting up Test automation and developed cucumber feature files and used Selenium for automated testing with TestNG.
* Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the

system.

* Experience on implementation of version control software GIT repositories.

**American Express, Phoenix, Az. Sep 2019 - July 2021**

**Role: Java Developer**

**Description:** Chase is a multinational banking and financial services company. The project is working on an accounting application, which performs actions on banking services that are released to the user, it includes revenue calculations, receivables, and payables. This application has brand-specific features, the application behaves according to the selected brand.

**Responsibilities:**

● Application is developed using Agile Methodology, which includes an iterative approach for application development, weekly sprints, stand-up meetings, followed by JIRA for tracking processes and streamlining Agile planning.

● Worked on Core Java 8 features like Functional Interface, Lambda’s, Streams including extensive knowledge with concurrency, multi-threading, exception handling, filters, and Generics.

● Involved in application development using Spring Boot & Angular 8 to develop and deploy an application on AWS cloud.

Performed configuration, deployment and support of cloud services including Amazon Web Services.

● Developed the responsive UI web pages using XHTML, jQuery, HTML, CSS, JavaScript, JSF, Prime Faces, and Boot Strap.

● Implemented Service Oriented Architecture (SOA) by developing and consuming RESTful web services.

● Involved in writing Thread-safe blocks for Multithreading access to make valid transactions.

● Applied design patterns including MVC Pattern, Façade Pattern, Abstract Factory Pattern, DAO Pattern, and Singleton

● Implemented logging using log4j.

● Used Streams and Lambda expressions available as part of java1.8 to store and process the data.

● Designed and developed Restful APIs using best practices to interact within the microservices and with the front-end using spring MVC and spring rest.

● Developed the components using Angular 8 needed for the application from scratch and customizing from various Angular-related libraries to meet the application functionality.

● Used AppDynamics & Spring Boot Actuator to enable monitoring & tracing for application.

● Used Spring Boot with the advantage of auto-configuration with production-ready features.

● Developed Oracle PL/SQL stored procedures and functions to process information used to generate

reports.

● Documented Spring Rest web services using Swagger.

● Used Spring MVC and Dependency Injection for handling presentation and business logic.

● Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.

● Used framework to take advantage of Object-relational mapping, Caching, Lazy Loading and relationship management Implemented Microservices Architecture, with Spring Boot- based services.

● Utilized Amazon Web Services (AWS)EC2 to deploy Docker containers with Microservice Architecture.

● Experience in working with databases like Oracle and Cassandra.

● Developed Restful web services in conjunction with Ajax calls by using Spring REST, created and read the JSON objects by using JACKSON libraries Using Spring security framework for user-level authentication with Rest API for Service Layer Development.

● Used JSON for data exchange between application modules along with XML

● Used GitHub to maintain the version of the files and took the responsibility to do the code merges and create new branches when new feature implementation starts.

● Following Test-driven development (TDD) and Behavior Driven Development (BDD) to generate JUnit test cases for testing various Java components.

**Environment:** Java 1.8, HTML5, CSS3, Bootstrap4, JavaScript, Angular7 & 8, Hibernate, Spring MVC, Spring Boot, JSON, Restful Web Services, Oracle, Cassandra, Log4J, JIRA, Spring Tool Suite, Kafka, OAuth2.0, GitHub, Microservices, AWS, S3, Jenkins, Junit.

**Client: Cognizant, India May 2014 – Dec 2017**

**Role: Java Developer**

Description: This application is an online order processing system that works in the USA where we constantly add new features and more products can now be effortlessly uploaded and sold, consequently increasing revenue. This application processes huge amounts of data.

**Responsibilities:**

● Involved in SDLC Requirements gathering, analysis, design, development, and testing of the application, developed using Agile methodology.

● Designed user interface using HTML5, CSS3, JavaScript, Bootstrap, Angular6, ReactJS and NodeJS as a frontend building environment.

● Developed Microservice-based application using Spring Boot as back end, Angular6 as front end, and Cassandra DB

● Removed all the XML-based configurations required to build the Spring MVC application and maintained them in the classes using Spring Boot.

● Implemented Angular6 component router for navigation and the services to connect the web application to back-end API.

● Led an offshore team for developing a complete user interface for the application.

● Used React-Routers for connecting the APIs, which enforces the communication to the server while also implementing mock services in Node.js with the help of modules using Express.js.

● Consumed Rest-based Microservices with Rest template based on Restful APIs.

● Designed and developed the REST-based Microservices using the Spring boot, Spring Data JPA.

● Used Web pack for building of react, live-server and magnifiers for generating dependencies graph for the web application development.

● Hands-on experience in setting up databases in AWS, storage using S3 bucket, and configuring instance backups to S3 to ensure fault tolerance and high availability.

● Worked on Hibernate as a persistent layer by mapping to the tables.

● Developed Entity objects and used Hibernate as an ORM tool to access persistent data from Oracle.

● Used Hibernate in DAO later to access the updated information in the database.

● Customizing Restful web services using Spring Restful API, sending JSON format data between front-end and middle-tier controllers developed and maintained functions, procedures, triggers, indexes using Oracle database programming.

● Worked on MongoDB database concepts such as locking, transactions, indexes, replication, and schema design.

● Involved in the Design and Development of RESTful API.

● Designed, built, and deployed applications using the AWS stack (EC2, Docker, Kubernetes, Jenkins) focusing on high-availability, fault tolerance, and auto-scaling.

● Used Radar as a project management tool.

● Wrote test cases using Mockito.

● Used Maven as a build tool for building and defining dependencies of the project.

● Involved in creating automated pipelines for CI/CD using git as version control.

**Environment:** Java 1.8, HTML5, CSS3, JavaScript, Spring Boot, OAuth 2.0, MongoDB, Bootstrap3, Angular6.0, Junit4, MongoDB, Maven, Microservices, Hibernate, JPA, Oracle, Git, Spring, Spring MVC, AWS, Junit, Jenkins, Splunk, Mockito.

**Client: EBS Minds, India, July 2012 – Feb 2014**

**Role: Software Engineer**

**Responsibilities:**

● Use Java/J2EE technologies to develop web applications for client server environments and add functionalities to existing applications.

● Revamp various Java applications developed with Spring, Hibernate and older J2EE.

● Conduct user requirements analysis to design and program applications and deliver support for system enhancement.

● Play a pivotal role as a part of an agile scrum team accountable, developing new applications using Spring framework backend and Angular.js frontend.

● Consult with customers on project status and technical concerns.

● Developed highly interactive and customized UIs using JavaScript, HTML, JSP, and CSS to improve functionality of web applications.

● Performed unit testing of applications by developing and applying test cases in JUnit.

● Technical expertise in Software Development Life Cycle and Java technologies to develop applications based on specific client requirements.

**Environment:** Java, HTML, CSS, PHP, J2EE, JQuery, JavaScript, XML and JSON.

**Educational Details:**

● Master’s in Information and Technology, University of the Cumberlands.

● Bachelor of Technology in Computer Science and Engineering, JNTU, India.