**JAVA FULL STACK DEVELOPER**

**Bala Shankar Malladi**

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**Professional Summary:**

* **IT** professional with around **9+ years** of experience in developing web application using **HTML5, CSS3, JavaScript, JAVA, JQuery, Angular 1.x, Angular 9/10, React JS, Spring Boot, Node JS, Express JS, Bootstrap and REST/SOAP web services, J2EE technologies.**
* Extensive experience and actively involved **in Requirement gathering, Analysis, Design, Reviews, Coding, Code Reviews, Unit** and **Integration Testing**.
* Implemented the service projects o**n Agile Methodology and involved in running the scrum meetings**.
* Extensively involved in **Test Driven Development.**
* Has enough knowledge in using **JAVA 8** features like **Lambda Expressions, Streams, Method References, Repeating Annotations and Method Reflections.**
* Experience in Deploying, Monitoring and Supporting Java Web services in **Pivotal Cloud Foundry**.
* Experience with amazon web services **(AWS)** and amazon cloud technologies such as **Amazon EC2** (virtual servers), **Amazon Cloud Watch** (monitoring).
* Deploy application updates to **AWS** and monitored the load balancing of different instances.
* Knowledge of application development for Cloud platforms using technologies like **Java/J2EE, Spring Boot, Spring Cloud, Micro Services**.
* Good Knowledge in cloud provisioning tools such as Terraform and CloudFormation.
* Experience in **Micro Services** and **Spring Boot** application development.
* Expertise in client scripting language and server scripting languages like **HTML, CSS**, **JavaScript, JQuery, AngularJS, JSP.**
* Separate Java URL’s Data from Elasticsearch-1.4.3 Cluster and transfer to Elasticsearch-5.6.4 cluster Using Logstash, Kafka.
* Hands - on experience in Azure Cloud Services (PaaS & IaaS), Storage, Web Apps, Active Directory, Application Insights, Logic Apps, Data Factory, Service Bus, Traffic Manager, Azure Monitoring, OMS, Key Vault, Visual Studio Online (VSO), Cognitive Services (LUIS) and SQL Azure.
* Working with development and QA teams to design Ingestion Pipelines, Integration APIs, and provide Elasticsearch tuning based on our application needs.
* Expertise with numbers, and **algorithms and data structures**.
* Hands on experience in working with **Collections, Exception Handling** and **Multithreading.**
* Analysis, Design and Development of **J2EE** Business applications, **Web-based** and **n-tier applications** using the following core technologies - **Java**, **Servlets**, **JSP**, **JSTL**, and **XML**.
* Configured SQL Server Master Data Services (MDS) in Windows Azure IaaS.
* Extensively worked with enterprise and persistence Design Patterns like **Singleton, Factory, Business Delegate, DAO, MVC, Front Controller, Visitor, observer, Service Locator, Session Façade.**
* Experience in **Spring Framework** such as **Struts, Spring IOC, Spring Resources, Spring JDBC**, **Spring MVC, Spring Security, spring Boot, JSF, Junit, Hibernate, Jasper reports.**
* Good Experience using Object Relational Mapping (**ORM**) tool like **Hibernate** and **JPA.**
* Experience in writing the **SQL queries in Oracle, MYSQL, DB2 and SQL Server.**
* Experience in development, deployment and troubleshooting Web based and enterprise-based applications on **Windows, UNIX and Linux platforms.**
* Experience in deployment process by writing **shell scripting** and also expertise using **WinSCP** and **secure FTP** for sharing the files between **Linux** boxes and windows.
* Experience in developing web-services using **REST, SOAP, WSDL and Apache AXIS2, UDDI, WSDL, JAX- RPC, JAX-RS JAX-WS, JAX-B.**
* Experience in designing transaction processing systems deployed on various application servers including **Tomcat**, **Web Sphere, Web logic, JBoss.**
* Good Experience on **Quality Control, JIRA, Tracking the tickets likeacceptingthe tickets/defects,Reviewing Code and closing the tickets etc.**
* Involved in converting Hive/SQL queries into Spark transformations using Spark SQL, Python and Scala
* Used **CVS, Git and SVN** for Source code version control.
* Experience with various IDEs like **Eclipse, IntelliJ, Spring Tool Suite.**
* Excellent Experience in **Code Refactoring.**
* Skilled in monitoring servers using Nagios, Cloud watch and using ELK Stack Elasticsearch Fluentd Kibana.
* Excellent **Client interaction skills and proven experience** in working independently as well as in a team.
* Excellent **communication, analytical, interpersonal** and presentation skills.
* Expertise in implementing client-server business applications using **Micro services**.
* Actively involved in the DevOps streamlining process through **JenkinsCI** and **CD** Release Automation.
* Decent experience in building tools like **ANT, Maven, Gradle**.
* Experience in real-time data processing using Apache Spark, Apache Kafka, Zookeeper and Scala
* Hands on experience in creating **Docker images** to solve containerization issues**.**
* Involved in **Automation** Feasibility Study for Web based applications.
* Experienced in implementing enterprise integration patterns using **Apache Camel** framework.
* Involved in issue tracking and agile project management using **JIRA** and **Rally.**
* Excellent **analytical** and **critical thinking, creative problem solving, quick learning, interpersonal** and **client interfacing skills.**

**Education**

Bachelor’s: Computer Science and Engineering, JNTUK(June 2010- May 2014)

**TECHNICAL SKILLS:**

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| **Languages** | C, C++, Java, Java 1.8, J2EE, SQL, PL/SQL |
| **Mark-up/XML Technologies** | HTML, HTML5, XSLT, JavaScript, Dojo, Spark CSS, CSS3, XML, XSD, AJAX, jQuery, JSON, Angular 1x, Angular 9/10, Node.js, React JS. |
| **Tools & Framework** | Servlet, Struts, Spring, Spring IOC, Spring AOP, Spring MVC, Spring Security, Spring Boot, Spring Data, Spring Web Flow, Jasper reports,Log4j and Groovy/Grails. |
| **Web services** | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2 and Apache CXF, Amazon Web Services, Micro Services. |
| **Web/App Servers** | Web Sphere, Apache, Tomcat, JBOSS, Web Logic Server. |
| **Database** | Oracle, My SQL, TOAD, DB2, MongoDB and DynamoDB, Cassandra. |
| **IDEs** | Eclipse, RAD, IntelliJ and Spring Tool Suite (STS). |
| **O-R mapping** | Hibernate, IBatis and JPA. |
| **Testing Tools/ Others** | JUnit, Mockito, Soap UI, Putty, Rational Clear Quest and Star Team. |
| **Version Control** | Tortoise SVN, CVS, Rational Clear case and Git, Docker, Kubernetes. |
| **OS & Environment** | Windows, UNIX, Linux, Sun Solaris |
| **Design Patterns** | MVC, Front Controller, Singleton, Business Delegate and DAO patterns |
| **Cloud Technologies** | AWS (EC2, S3, ELB) |

**Professional Experience:**

**Client: Wells Frago Jan 2023 – Present**

**Location: SFO, CA**

**Role:  Core Java Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modeling, analysis, design, development and testing.
* Developed the web pages in XHTML using JSF tags.
* Used validators, Confluent Kafka , converters and Confluent Kafka ,JavaScript in the application for validation.
* Implemented the managed beans and the service implementation for the application.
* Used singleton and factory design patterns for common functionality of buttons.
* Developed the custom Confluent Kafka components like radio box in JSF.
* Participated in various phases of SDLC.
* Developed Confluent Kafka front-end content using **HTML5, CSS3, JSP, jQuery,Bootstrap and NodeJS.**
* Developed **Single page application** and structured the **JavaScript** code using **AngularJS.**
* Develop REST APIs using MuleSoftAnypoint API Platform.
* Expertise in designing, developing, testing & deploying J2EE Applications using **Servlets**, **JSPs**, **EJBs**, **Web Services.**
* Maintained **Interface**Confluent Kafka compatibility and **concurrency** in the project using **Java 1.8** new features like **Lambdaexpressions,default**, **static methods** and **ConcurrencyAPI.**
* Created deployment models for cloud foundry, explaining the Kafka underlying VM, Container, and application layout across multiple PCF foundationsConfluent Kafka spread across the globe
* Implemented Spring boot micro service Kafkato process the messages into the Kafka cluster setup.
* Developed **Angular 8** custom directives Kafkaand used Routes and Factory validations in Angular.
* Designed, built, and deployed a multitude application utilizing almost all of **AWS** stack (Including **EC2, S3,Dynamo DB, SQS and EMR**), focusing on high-availability, fault tolerance, and auto-scaling.
* Solutions involved logging withKafka ELK and Spunk, Confluent Kafka ,custom buildpacks, service-to-service security, and other common issues faced Kafkawhen PCF is involved in a large-scale digital transformation
* Integrated Open **stack API** with **Amazon EC2** cloud-based architecture in **AWS**. Having experience with Cloud Computing environment Confluent Kafka and Utilized **Amazon Web Services** (**AWS**) **EC2** to deploy **Docker** containers.
* Involved in converting Hive/SQL queries into Spark transformations using Spark SQL, Python and Scala
* Developed **RESTful** Web services for transmission of data in **JSON** format.
* Developed MuleSoft batch Kafka applications to import Transfer Evaluation and GPA data from UAchieve into PeopleSoft system.
* Involved in migrating Hive queries into Spark transformations using Data frames, Spark SQL, SQL Context, and Scala.
* Tuned batch Confluent Kafka applications to obtain optimum performance and CPU utilization.
* Automate backup of network devices using Ansible and Kafka store downloaded configurations in Git.
* Automate Datadog Dashboards Kafka with the stack through Terraform Scripts.
* Experience in real-time data processing using Apache Spark, Apache Kafka, Zookeeper and Scala
* Designed and developed CustomerLookup tool which is helping customer in expediting Azure outage assessment and end-customer communication workflow.
* Closely worked with Kafka Admin team to set up Kafka cluster Confluent Kafka setup on the QA and Production environments.
* Had knowledge on Kibana and Elastic search to identify the Kafka message failure scenarios.
* Built //AzNot tool which provides a single view of all customer impacting incidents across the entire Azure platform. Which helping customer in reducing time to notify,
* Manage security for users, Confluent Kafka,applications, systems, and network in the WebCoE environment.
* Developed the application with various **Spring Framework** modules like **Spring IOC, Spring AOP, SpringBoot, Spring Security**, **and Spring Batch.**
* Used **Spring MVC** framework at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced, and maintenance will be very easy.
* Elasticsearch and Logstash performance and configuration tuning.
* Used **Spring AOP** for solving crosscutting concerns like keeping customer log data and transactions details.
* Developed the persistence layer using **Hibernate Framework** by configuring the various mappings in **Hibernate** files and created **DAO** layer.
* Secured the API's by implementing **Oauth2** token-based authentication/authorization scheme using **Spring Security**.
* Experience in real-time data processing using Apache Spark, Apache Kafka, Zookeeper and Scala
* Create and configured the continuous delivery pipelines for deploying **Micro Services** by using **Jenkins**.
* Installed, monitored and maintained the development infrastructure including **JIRA.**
* Worked on **Log4J** to validate functionalities and **Mockito** framework **JUnit** for **Unit testing** and executed **TDD** framework.
* Importing the data into Spark from Kafka Consumer group using Spark Streaming APIs.
* Used **Git** to maintain the version of the files and took the responsibility to do the code merges and creating new branch when new feature implementation starts.
* Used **Maven** as build automation tool for deploying the project on **WebSphere Application Server.**

**Environment:**Java 8/11, Spring 5.0, Spring boot, Microservice, Hibernate 3, Apache Kafka, GIT, SVN, Web Services(Rest, SOAP), MongoDB, Typescript, LDAP, HTML, CSS, JavaScript, Angular 8/9, Node JS, Bootstrap, JSON, Splunk, jQuery, React JS, Xml, Stored Procedures, Pivotal Cloud Foundry (PCF),Kafka, JUnit, Maven, Docker, Jenkins, Kubernetes, AWS, Windows, Agile/Scrum.

**Client: Lowe’s Jul 2020–Dec 2022**

**Location: Mooresville, NC**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in **design, development, testing** and **implementation** of the process systems, working on iterative life cycles business requirements, and creating Detail Design Document.
* Using **Agile** methodologies to plan work for every iteration and used continuous integration tool to make the build passes before deploying the code to other environments.
* Used new **Java** 8 features - Streams, Collectors, Lambda, new Executor service.
* Developed an attractive GUI using **Angular JS 2.0** that users can interact dynamically at runtime.
* Developed crypto rest services using **Nodejs** and integrated services with HSM (Hardware Security Module).
* Implemented HTTP REST API using **NodeJS** and **ExpressJS** and extensively tested RESTful services using POSTMAN.
* Experience in building data dictionary, functions and synonyms for NoSQL (Elasticsearch).Implemented modules into **NodeJS** to integrate with designs and requirements and used **NodeJS** Express Framework.
* Involved in using NPM (Node Package Manager) and Browserify for dependency and version management of **NodeJS** packages for the application.
* Load data from various data sources into HDFS using Kafka.
* Developed an application were involved in design changes using **HTML5, CSS3** and fraction of **JavaScript.**
* Worked extensively to achieve **DOM** Show**, Hide elements** and **Event Handling** using **Angular JS**.
* Used **Spring MVC** and **Dependency Injection** for handling presentation and business logic.
* Implemented persistence framework using **Hibernate**& Handled **Transaction Management** using the provided data source.
* Involved in converting Hive/SQL queries into Spark transformations using Spark RDDs, Scala.
* Developed various screens for the front end using **React JS** and used various predefined components from NPM and Redux library. Also used Redux to manage the application state and applying middleware such as redux-promise and redux-saga.
* **React.js** for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
* Create and maintain highly scalable and fault tolerant multi-tier AWS and Azure environments spanning across multiple availability zones using Terraform and CloudFormation.
* Involved in migrating Hive queries into Spark transformations using Data frames, Spark SQL, SQL Context, and Scala.
* Involved in migrating monolithic application in Micro Service Architecture and Developed Micro-services using **Pivotal Cloud Foundry** platform build upon Spring Boot Services.
* Created stored procedures to import data in to Elasticsearch engine.
* Write terraform scripts from scratch for building Dev, Staging, Prod and DR environments.
* Configured Apache web server with Apache Tomcat using the plug-in mod jk.
* Responsible for designing **Hibernate mapping files** based on business logic and Object relationships.
* Established Database Connectivity using **JPA, Hibernate O/R mapping with Spring Data ORM** for **Oracle**.
* Implemented **SOA** architecture with **Web Services** using **SOAP, WSDL, UDDI** and **XML** using **Apache CXFframework** and worked on parsing the **XML** files using **DOM/SAX** parsers.
* Created **tables, triggers, PL/SQL Stored Procedures, SQL queries, Joins, i2ntegrityconstraints** and **views** for **IBM DB2.**
* Used **Multithreading** in programming to improve overall performance using **Singleton** design pattern in Hibernate Utility class.
* Worked on Big Data Integration &Analytics based on Hadoop, SOLR, Spark, Kafka, Storm and web Methods.
* Implemented **Restful** and **SOAP** based Web Services and used **Soap UI** for testing.
* Used **Spring JMS** module for lookup for the queues and MDBs for the listeners.
* Involved in **Unit Testing** of various modules by generating the **Test Cases.**
* Performed deployment of applications on **Web Logic.**
* Written **LINUX** shell scripts to identify user login information.
* Participated in **Code Reviews** of other **modules, documents and test cases**.

**Environment**Java 8, Spring 3.0, Struts 2, Angular 6/7, Typescript, Splunk, Pivotal Cloud Foundry, Linux Shell Scripting, spring boot, AWS, Hibernate 3.0, MongoDB, Python, Spring Batch, Concept Wave, Test Driven Development (TDD), Multithreading, Cassandra, Web Services(Rest, Apache CXF), WebSphere, Spring, Kubernetes,HTML, JSP, CSS, JavaScript, JSON, jQuery, Kafka EXTLS, Xml,  microservices,Pivotal Cloud Foundry (PCF), Tomcat, SQL Server, Mockito,  JUnit, Ant, Log4j, Windows, Lean, Agile/Scrum.

**Client**:  **SCB Aug 2018** – **Dec 2019**

**Location: Chennai, IND**

**Role: Java Developer**

**Responsibilities:**

* Used **Agile** methodology and actively participated in **Scrum** meetings to produce quality deliverables within time.
* Developed the presentation layer using **HTML, CSS, Java Script, JQuery, JSPs and XML**.
* Designed and implemented application using **Spring IOC, Spring MVC, Spring Annotations, Spring AOP, Spring Transactions, Hibernate, JDBC, SQL, MAVEN, Oracle.**
* Extensively used **SpringIOC**, configured **Application Context** files and performed database object mapping using **Hibernateannotations**.
* **Apache Lucene** (Search Engine) Configuration and Business Objects XI Reporting with Site Minder Integration.
* System built using **Model-View-Controller (MVC)** architecture. Implemented the application using the concrete principles laid down by several **design patterns** such as **Composite View**, **Bean Factory**, **Singleton**, **Data Access Object** and **data transfer object**.
* Configuring windows APIGEE servers using FTP and HTTP protocols.
* Used APIGEE Killer to check the performance of each component of Apigee product and fixed lots of issues.
* Created Stream Rest based Application interfaces on java 8 environment.
* Implemented different types of **spring controllers** as per application requirements.
* Used **Spring** Aspect**s** for implementing functionalities like logging functionality.
* Configured **JPA** to use **Hibernate** as **ORM** tool.
* Deployed project on web application server in **Linux** environment.
* Using APIGEE configuration and generated proxies service discovery definition, telemetry definition, logging and security.
* **Spring Validators, persistence layer, DAO** and service layer components using **Spring/Hibernate API** and **Spring/Hibernate annotations**. Extensively used **Hibernate Query Language**.
* Wrote Database objects like **Triggers, Stored procedures** in **SQL**.
* Responsible for Production support activities like Jobs monitoring, log the load statistics, analysis and resolve in case of any production issues, coordinate with business to fix any source file issues, coordinate with DBA to resolve any table space or file system related issues.
* Developed **Web services** to allow communication between applications through **SOAP** over HTTP**.**
* Used **JBoss Application server** to deliver a new class of enterprise applications that enhance business interactions and transactions between a company and its key constituencies.
* Interacted with the users and documented the System.

**Environment:**Struts 2, Spring Batch, Bamboo, Spring Boot, MongoDB, Microservices, Hibernate 3.0, Angular 2, GitHub, Typescript, Multithreading, Web Services(Rest, SOAP), WebSphere, Spring, HTML, JSP, CSS, JavaScript, JSON, jQuery, Angular- JS, Xml, JBOSS 6.2, DB2, Stored Procedures(DB2), JUnit, Ant, Windows, Agile/Scrum.

**Client: Soft Mine technologies Aug 2015 – Jul 2018**

**Location: Hyderabad, IND**

**Role: Associat Software Engineer**

**Responsibilities:**

* Coordinated software system installation and monitor equipment functioning to ensure specifications are met.
* Actively involved in project development and bug fixing for the project. Worked closely with students, helped in the deeper understanding of concepts.
* Involved in requirement analysis and client interaction, responsible for writing hibernate mapping **XML Files, HQL.**
* Worked closely with business analysts, project managers, and project leaders to analyze business requirements.
* Used **J2EE** design patterns like **Factory, Singleton**. Involved in various phases of Software Development Life Cycle (SDLC) as requirement gathering, modeling, analysis, architecture design, and development.
* Worked in a fast-paced environment and meeting all the requirements.
* Created applications involving **JSP, JavaScript, jQuery, and HTML**. Extensively used various collection classes like **Array List, Hash Map, Hash Table, and Hash Set.**
* Creating technical specifications, coding, unit, and system integration testing for the enhancements and conducted reviews with end users.
* Developed **web services using JAX-WS** to make use of existing applications.
* Created new database connection for **MYSQL**.
* Developed the application using **Spring MVC Framework** by implementing controller and backend service classes.

**Environment:** Java, Servlets, JSP, EJB 2.0, JMS, IBM MQ Series, XML, SOAP, WSDL, JAXP, Castor, JDBC, PL/SQL, Sybase 11, Web Logic 8.0, RAD,JTA, Eclipse, DB Artisan, CVS, Quality Control, ANT, HTML, JavaScript.