Padma Kallepalli

Java Developer

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# Professional Summary:

* 5+ years of experience in software product development.
* Experience in design development coding testing and implementation phases of **Software Development Life Cycle.**
* Good understanding and involvement in the software development methodologies like **waterfall model, Agile methodologies** like SCRUM.
* Hands-on Coding/Design and Architecture on Java and Database applications.
* Experience in developing **Spring Boot Micro services** and **upgrade**.
* Worked with **Kafka** real time streaming applications •
* Experience in setup CI/CD pipelines On-prem and Cloud.
* Test-Driven Development (TDD) in multiple projects using **Junit**.
* Good in Object oriented Design and implementation.
* Build Docker containers and **Kubernetes** as part of microservices initiatives.
* Responsible for creating and maintaining architecture for **Restful API** using **Spring Boot**.
* Used **Spring Boot** Actuator to monitor and manage the application production environment.
* Leveraged Source control tools like **GIT**.
* Hands on experience in writing test cases using **Junit** and **Mockito** frameworks.
* Experience with **Database Normalization** theory techniques, Entity Relation Modeling and Design techniques.
* Had good Knowledge on Kerberos authentication mechanism.
* Experience in creating interactive User Interface Design using **CSS, HTML, XML** and **Java Script**.
* Experience in developing applications in a single page application (**SPAs**) using various JavaScript frameworks like **AngularJS** and **React.JS**
* Known for understanding the process and getting work done in a timely manner, can easily adapt to new work environment.

# Personal Summary:

* Effective in **managing and prioritizing multiple tasks** based on the sense of urgency.
* With **strong interpersonal skills**, I am known to be a great team player and can comfortably work on individual or group project(s).
* With a **strong communication skill**, I can effectively discuss the issues and report the status.
* I’m **self-motivating** and learn skills from those I get inspired from.

# Technical Skillset:

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| --- | --- |
| **Programming Languages:** | Java, SQL, PL/SQL, C/C++ |
| **Operating Systems:** | Windows 7/8/10, UNIX/Linux, and Mac OS X |
| **JAVA Technologies:** | Core Java 1.8, J2EE, JSP, Servlets, JDBC, Struts, Spring MVC,  Java Reflection API, Java Persistence API (JPA), JSON, Web Services (RESTful & SOAP) |

|  |  |
| --- | --- |
| **Web Technologies:** | HTML5, CSS3, XML, JavaScript, CSS, SSL, jQuery, Typescript, NodeJS, AngularJS, Angular 8.0/9.0, Web Services, SOAP, WSDL, JSON |
| **Web/Application Servers:** | IBM WebSphere, WebLogic, Apache Tomcat Web logic JBoss |
| **IDE’s:** | Eclipse, IntelliJ Idea, Microsoft Visual Studio |
| **Modeling Tools:** | IBM Rational Rose, Microsoft Visio |
| **Databases:** | MySQL, PostgreSQL, Oracle (version -11g, 10g, 9i, 8i), SQL Server |
| **Other Tools:** | Log4J, JUnit, Mockito, TestNG, Maven, ANT, Jenkins, Cucumber, Splunk, Jira, Putty , Selenium |
| **Frameworks:** | Spring, Spring MVC, Spring Boot, Spring MVC, Spring Batch, Spring AOP, Spring DAO, Spring ORM, Cucumber |
| **XML Technologies:** | XML, SAX, DOM, XSL, XSLT, XPath, WSDL, SOAP |
| **Methodolgies** | Waterfall Model, Agile Methodology |

**Education:**

Bachelor’s in Mechanical Engineering, GITAM College of Engineering (GPA – 4.0)

# Work Experience

**TechPro Solutions Inc. Aug 2022-Feb 2023**

## End Client: JPMC LLC. Java Developer

**Roles and Responsibilities:**

* Participated in **Agile (Scrum) methodology** and Involved in **Design, development, System testing and User Acceptance Testing.**
* Actively participating in migrating all **spring boot applications** to **Photon framework**.
* Implemented a microservices on Spring Boot to process the messages into Kafka cluster setup.
* Implemented Kafka producer and consumer applications on **Kafka** cluster setup with help of Zookeeper.
* Performed real-time event processing of data from multiple servers in the organization with Apache Kafka.
* Used **Spring Framework** for integrating the **MVC** components with business services.
* Configured **Kafka** to read and write messages from external programs.
* Implemented ingestion services to connect to **RDBMS** using **Kafka Producer APIs/Kafka connect**. •

Used Spring **Kafka API** calls to process the messages on Kafka Cluster setup

* Experienced with version controller like **GIT(Bitbucket, GitHub).**
* Used Bitbucket **Git** to store and maintain source code.
* Defined schema objects using **XSD** and used **maven** to generate java objects.
* Used **Maven** build script for building and deploying the application.
* Experience in support process for **DevOps**.
* Did integration testing using **Mockito** Framework.
* Wrote comprehensive Unit test cases using **Junit** framework.
* Involved in batch processing using **Spring Batch** framework to validate feed files and load data into corresponding tables.
* Used **Junit** framework to perform unit testing of the application.
* Developed presentation layer using JSP, **HTML** and **CSS** and jQuery, Ajax, JavaScript.
* Involved in designing, developing and testing the web application by using the **HTML5, CSS3**.
* Application and developed cross browser and multi browser compatible webpages using **HTML5** and

## CSS3.

* Used **React JS** to create custom components for data manipulations and to display data in company standard format.
* Implementing Spring Batch Application for bulk data loading.
* Written JavaScript code for Input Validation.
* Implemented **CI CD** pipelines using **Jenkins** and build and deploy the application
* Used Restful web services with **JSON**.
* Used Oracle10g database tool to build, edit, and format database queries, as well as eliminate performance issues in the code.
* Used Oracle10g database for tables creation and involved in writing SQL queries using Joins and Stored Procedures.
* Deployed the applications on WebSphere Application Server.
* **Environment:** Java - JDK, JDBC, JSP, Soap UI, Spring framework, Spring Boot, Spring MVC, Spring Batch, Spring AOP, Spring DAO, Spring Tool Suit 4, Apache, Junit, Mockito, Ant Scripts, Maven, Super putty, Winscp, Jira, Java Message Service(JMS), Jenkins, Kafka, Photon 2.6.7, Servlets JDBC, JSON, jQuery, JavaScript, Angular JS, Angular 8.0/9.0, HTML 5, Type Script, CSS/SCSS, XML SQL, Oracle 10g, No SQL, SonarQube, WebSphere, Agile Methodology, Scrum, Restful API, Maven, JUnit, GIT, GitHub, GitLab, Version One, Postman, IntelliJ, Eclipse plugin development Framework, Eclipse, Visual Studio Code, Oracle 19c.

## TCS, India July 2013 to Jan 2016

**Java Developer**

**Roles and Responsibilities:**

* Involved in gathering system requirements for the application and worked with the business team to review the requirements and went through the Software Requirement Specification document and Architecture document.
* Worked in **Agile methodologies**.
* Connected to database using **JDBC**.
* Consumed **SOAP** based Webservices and created **SOAP** base web services.
* Used **SOAP UI** to test Web Services.
* Designed and developed a **Restful APIs** for different modules in the project as per the requirement.
* Designed and developed Rest based Microservices using **Spring Boot**.
* Involved in Batch processing using **Spring Batch** framework to validate files and load data into corresponding tables.
* Implementing **Spring Batch** Application for bulk data loading.
* **POM** managed Maven project Artifacts.
* Written JavaScript code for Input Validation.
* Did unit testing using **Junit** Framework.
* Used **Junit** to test the accuracy of the data fetched from the DB.
* Developed server-side services using Spring Web Services **(SOAP, WSDL**).
* Extensively used Spring IOC for **Dependency Injection.**
* Used Restful web services with JSON.
* Developed code to consume web services using **SOAP** and **REST**.
* Worked in front end design development using technologies like **HTML5, CSS, JavaScript.**
* Created Custom Directives in **Angular-JS**, making use of Modules and Filters according to the application requirements.
* Used Oracle10g database tool to build, edit, and format database queries, as well as eliminate performance issues in the code.
* Used Oracle10g database for tables creation and involved in writing SQL queries using Joins and Stored Procedures.
* Used **JUnit** for testing the application and Maven for building Projects.
* Used **GIT** as Version control tool for effectively managing the code changes & experience with

**Agile/Scrum** Methodology.

* Worked with setting up and maintaining **CI/CD** Pipelines, using Jenkins for creating **CI/CD** Pipelines for build and release automation.
* Deployed the applications on WebSphere Application Server.
* Written **Black Box test cases** based on the User and Business Requirements.
* Contributing effectively at many different points in a project life cycle as an individual contributor.

**Environment:** Java - JDK, Spring framework, Spring Boot, Spring Batch, Apache, Tomcat, Java Server Pages (JSP), Soap UI,

,Jenkins, Servlets JDBC, AJAX, Web services (SOAP & Restful, WSDL), JSON, Java Beans, jQuery, JavaScript, Oracle 10g, WebSphere, Agile Methodology, Scrum, Super putty, Winscp, Jira, Java Message Service(JMS), Jenkins ,Maven, JUnit, HTML, CSS, XML, HTML Eclipse, GIT, GitHub, GitLab, Version One, Postman, IntelliJ, Eclipse plugin development Framework, Eclipse, Visual Studio Code, Oracle 11g/12c.

## TCS, India Aug 2011 to June 2013

**Database Developer**

**Roles and Responsibilities:**

* Worked closely with Business Analyst in understanding the requirements and created the business model for generating the reports as per the user requirements.
* Created various **DDL and DML statements using Oracle PL/SQL and SQL**.
* Followed Normalization database design techniques to **reduce data redundancy in RDBMS**.
* Performed **Aggregate functions to produce summarized data** from Database.
* Created and **maintained Oracle database objects** like tables, views, materialized views, indexes, constraints, sequence and synonyms using SQL.
* Created **Indexes on multiple columns for speedy retrieval data** from Database search engine.
* Created various **Joins to retrieve data as single set result** from more than one table.
* Created complex SQL statements, joins co-related sub-queries and **SQL statements with Analytical functions (Rank and Lead).**
* Created SQL stored procedures, functions, triggers, cursors, and tables.
* Created **materialized views for better performance** of summary tables, autonomous transactions, coding dynamic SQL statements.
* Developed PL/SQL triggers and master tables for **automatic creation of primary keys**.
* Created **Power BI dashboard** and generated reports.
* Integrated **BI Publisher** with OBIEE to build reports in word, excel and doc format.
* Created various templates, reports and prompts in **BI Publisher.**
* Created records, tables, collections (nested tables and arrays) for improving query performance by reducing context switching.
* **Handled errors using Exception Handling** extensively for the ease of debugging and displaying the error messages in the application.
* **Coordinated with front-end design team** to provide them with necessary stored procedures and packages and the necessary insight into the data.
* Wrote sequences for **automatic generation of unique keys** to support primary and foreign key constraints in data conversions.
* Involved in **preparation of technical design documents** (MD070) using MD050 given by Functional Associates.

**Environments used:** MS-Office, UNIX, IE, Chrome, Oracle 10g/11g/12c SQL and PLSQL, SQL Server 2012/2008/2005, OBIEE 10.1.3.3, OBIEE 11.1.5, XML, HTML.

## Certifications/Trainings:

Had 32 hours credit training on QA- **Manual/Automation Testing**. Oct 2020 Had 40 Hours credit training on Core **Java** and **React.js**

## Awards and Recognition:

Best Performance Award – TCS - 2013 Best Employee Award - TCS - 2014