**Srija Reddy**

**Sr. Java Backend Developer**

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**PROFESSIONAL SUMMARY:**

* **7+ years** of professional experience in **Software Development** using **Core Java** and **Java J2EE** Technologies and extensive understanding of complete software development life cycle including Requirement Analysis, Design, Development, Testing, Integration and Maintenance of various client/server and multi-tier web applications.
* Strong experience as a programmer in **Object Oriented Analysis** and **Design**, developing, testing and maintenance of distributed and Client server Java applications.
* Expertise in developing both front end and back end applications using **Java, Servlets, Struts**, **JSP, AJAX, EJB, Spring, Hibernate, JDBC** and **Web Services**.
* Extensive background in all phases of software engineering including Requirement Analysis, Design, Coding, Testing, Documentation, and Implementation.
* Strong Experience in creating Conceptual **Data Models, Use Case Diagrams**, **Class Diagrams**, and Sequence Diagrams using **UML** with Rational Rose.
* Professional level skills in implementing and designing **XML, CSS, HTML5, JavaScript, Angular JS,** **Node JS, Wicket** and **SFX** framework.
* Experience in using **Grunt** and **CSS** procedures **LESS, SASS**.
* Extensive experience in developing Responsive Web Design to support all devices (Phones, tablets, and desktops).
* Good experience on working with Amazon Web Services 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**
* Hands-on experience in **Spring Frameworks**, including **Spring 5, Spring MVC**, **Spring Data, Spring** **Boot**, **Spring Security**, **Spring Cloud**
* Migration from **Angular 1.6 to Angular2.**
* Excellent Java development skills using **core** **Java, JDK 8, J2EE**, **Spring Boot 2.1.3**, **Cloud Foundry**, **Rabbit MQ, Jedis Cache, Kafka, JSF, ADF, Spring 5.1, Hibernate, iBatis, BackBase Framework**, **jQuery, Jmesa, Javascript, HTML, CSS, Struts, Web services** (SOAP and Restful Webservices), Ajax.
* Knowledge of **AWS** environment including **EC2, RDS, Lambda, S3** and other **AWS** related technologies.
* Knowledge on Docker deployment automation to **cloud services**
* History of develop and design web services based on **Tomcat, Spring MVC, Spring Boot,** **Hibernate, JPA, Oracle Database**, **MySQL**
* Working experience as Java developer with sound knowledge of **Data Structure** & **Algorithms**, **Object Oriented Programming** and **Design Patterns**.
* Strong **core java** skills with good experience in **Multithreading**. Developed 3 pop-up’s using threads.
* Expertise in developing multi-tier applications using **Struts MVC, JSF** and **Spring MVC**.
* Experience in working with **RESTful Web Services** and implementing **RESTFUL API’s**.
* Proficient in writing and using **SOAP** and **RESTFUL** **Web services**.
* Strong knowledge in **NoSQL** databases like **MongoDB**.
* Well experienced in **Core Java** – **asynchronous** **programming**, **multithreading**, **collections** and a few design patterns.
* Experience in handling **Tomcat** with **Apache Web Server, BEA Web Logic**, **IBM Web Sphere** and JBoss Application Servers.
* In-depth understanding of **Data Structures** and **Algorithms**.
* Experience in Configuring and deploying applications on **Tomcat** and **JBoss** server.
* Expertise in using **SQL Server** Business Intelligence Development Studio to build reports.
* Experience in writing test-cases in Java environment using **JUnit** and **SHUnit** for shell scripting.
* Expertise in sending and retrieving data files in **JSON** using **AJAX** calls.
* Strong Knowledge in using libraries like **JQuery** to implement dynamic web pages.
* Knowledge on a modern full stack, **Java** **Script** environment like **MEAN** (**Mongo, Express**, **Angular**, **Node**).
* Expertise in implementing persistence layer using **JPA** and **Hibernate**.
* Proficient in programming by using the **IDE** such as **Eclipse**, **IntelliJ**, **PL/SQL** Developer.
* Strong understanding of common **API** technologies, such as **OAUTH**, **SAML**, **Spring** **Boot** and **Micro services**.
* Experience in using Agile Scrum methodologies.
* Experience in cross platform development using **DOJO** and used **Jenkins** for **CI/CD.**
* Expertise in version control tools like **GIT, SVN** to manage and control software development.
* Experience in deploying the microservices using **Docker** container and ability to setup continuous integration and deployment pipeline using **Jenkins** with **GitHub** on **AWS** or any **Cloud** **Service**.
* Experience in setting up **Nexus Repository** Manager from scratch and configuring different repositories for both **ANT/Maven** builds.
* Experience in Integration of **Amazon Web Services AWS** with other applications infrastructure.
* Experience in Configuring and deploying applications on **IBM Web Sphere** and **Tomcat server**.
* Hands on experience using **Apache Maven** and **Log4Jfor** application logging.
* Excellent analytical, logical, and programming skills, Self-Motivated, Team Player can work with minimal supervision with effective Communication skills and Organizational skills combined with attention and time management skills.
* Willing to learn and adapt new technologies whenever necessary.

**TECHNICAL SKILLS:**

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| **Programming Languages** | Java, J2EE, Spring, Hibernate, SQL, JavaScript. |
| **Front End Technologies** | HTML5, CSS3, JavaScript, Angular2 |
| **Development Tools** | Eclipse, IntelliJ, Net beans, Visual Studio, Brackets, Android Studio. |
| **Version Controls** | SVN, GIT and Clear Case |
| **Databases** | MySQL, Oracle, DB2, Mongo DB. |
| **Web Services** | REST, SOAP. |
| **Cloud Computing Platform** | AWS |
| **Operating Systems** | Windows, Linux. |
| **Software Lifecycle Methodologies** | Agile, Waterfall. |

**PROFESSIONAL EXPERIENCE:**

**Verizon, Spring Valley NY Aug 2022- Till Date**

**Sr. Java Backend Developer**

**Description**: **Wireless Troubleshooting Application**: This Application helps the call center agents to troubleshoot various issues (Voice/Data services provided by Verizon) by running some commands and offering steps which help the agent in resolving the customer issue(s) remotely.

**Responsibilities**:

* Followed **Agile** (Scrum) development methodology and participated in daily Stand-up meetings to update the task status on the assigned tasks such as technical documentation, development of different modules.
* Work closely with business users to understand business requirements to design technical solutions that align with business and comply with Organization’s architectural standards.
* Involved in design and implementation of **Microservices** using **Spring Boot** and **CI/CD** tools on Kubernetes.
* Developed and maintained troubleshooting flows on top of microservices using **BPMN** tools such as Bonita and **Red Hat PAM**.
* Worked Extensively on **Spring Boot** to build several services as external microservices and configure them to communicate with each other or with another part of the system.
* Developed and maintained **RESTful web services** using **JAX-RS** and used **Swagger** for **REST API** documentation.
* Involved in migration of digital process automation of troubleshooting flows from Bonita to **RedHat PAM**.
* Used **Amazon Cloud Watch** to monitor **AWS** services and **Amazon Cloud Watch** logs to monitor application.
* Build and maintain code repositories and code migrations using **CI/CD** strategies (**GIT, SVN, CSV**, **Jenkins**).
* Responsible for creating and maintaining architecture for **Restful API** using **Spring Boot**.
* Worked with processing **XML** and **JSON** request and responses.
* Used Hibernate framework for object relational mapping and persistence.
* Involved in writing **SQL queries, stored procedures** and **triggers** in databases via **Oracle** and **DB2**.
* Used Swagger and Postman tools for **API** testing.
* Worked on **Lambda Expressions**, **Functional interfaces** **Stream API's**, **Time API**, and Improvements on Collection, Concurrency, and IO improvements by using **Java 8**
* Involved in developing and modifying UNIX shell scrips for batch jobs.
* Used **Micro service** **architecture** with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers and also worked with **Kafka** **Cluster** using **ZooKeeper.**
* Implemented user-friendly web-based application using **AngularJS, HTML5, CSS3, Bootstrap**, **Spring** and **MongoDB**.
* Use of **data structures** and **algorithms** for time and memory complexity reduction
* Implemented JWT mechanism for authentication, authorization and data exchange.
* Used **Spring Core** for **IOC** implemented using DI and developing **Restful web services**.
* Integration of Amazon Web Services (**AWS**) with other applications infrastructure.
* Extensively worked with **CI/CD** tools like Jenkins for deploying Microservices on Kubernetes cluster and used Rancher for Kubernetes to monitor the deployed applications.
* Implemented **Microservices** using **Spring Core, Spring Boot, Spring Data**, **Spring Rest** and **Spring** **Cloud** (**PCF**).
* Used **JPA** to implement Service and Repository layers.
* Used **IntelliJ** as development tool, Tomcat as application server, **Git** and **SVN** was used for version controlling.
* Worked on developing application, automated scripts leveraging **MongoDB**.
* **Apache Maven** is used as Build tool to automate the build process for the entire application.
* Used **Streams** and **Lambda** expressions available as part of **Java 8**to store and process the data.
* Selecting the appropriate **AWS** service based on compute, data, or security requirements.
* Worked with Behavior Driven Development process and Test Driven Development (**TDD**).
* Used **GIT** as a version control system and Bit Bucket as the source code repository.
* Involved in setting up the application with **Jenkins** in builds and deployments to **Tomcat server**.
* Involved in code reviews, test case reviews and bug fixing using **JIRA** bug tracking system.

**Environment**: Java 8, Design Patterns, Microservices, Bonita, RedHat PAM, Spring Boot, Spring JDBC, Hibernates, REST, XML, Eclipse, JBoss, Kafka, UNIX, LINUX, Spring Core, Oracle, SQL, Putty, SQL Server, Swagger, Postman, GIT, CI/CD, AWS, Jenkins, Kubernetes, Junit, Mockito, TDD, Agile, JIRA, Tomcat.

**ExxonMobil Corporation**, **Houston, TX Dec 2020 – Jul 2022**

**Sr. Java Backend Developer**

**Description**: **HR Application**: This project provides support for two high-risk, business critical HR applications. These applications support HR clients in planning, administration, accounting, and distribution of financial awards.

**Responsibilities**:

* Involved in various phases of Software Development Life Cycle (**SDLC**) as requirement gathering, modeling, analysis, architecture design and development.
* Worked in **Agile** (Scrum) development methodology and participated in daily Stand-up, implemented release backlogs with **Sprints** reviewed by Scrum Master.
* Created technical design document and walkthrough with the business users to get the approval.
* Involved in developing and enhancing of the web application using technologies **Java, HTML**, **CSS**, and **JavaScript**.
* Extensive use of Collection Framework features like Map, Object, List to retrieve the data from Web Service, manipulate the data to incorporate Business Logic and save the data to Oracle database.
* Developed **Microservices** using **Spring MVC**, **Spring Boot**, and **Spring Cloud**.
* Used **Spring Boot** Actuator to monitor and manage the application in production environment.
* Implemented User Interface in Model-View-Controller Architecture, which accomplishes a tight and neat co-ordination of JSP, Servlets.
* Utilized **Java 8** features like Lambda expressions and **Stream API** for Bulk data operations on Collections which would increase the performance of the Application.
* Worked with processing **XML** and **JSON** request and responses.
* Proficient in **SQL, PL/SQL** developed **Stored Procedures, Triggers, Functions** and **Packages** besides writing **DDL, DML** and Transaction queries with development tools like **TOAD**.
* Used Host Explorer to run Mainframe jobs.
* **Apache Maven** used for project management and dependencies process
* National level complex problem-solving competition, using **JAVA, Data Structures** and **Algorithms**.
* Implemented Persistence layer using **Hibernate JPA**.
* Used **IntelliJ** as Integrated Development Environment **IDE**.
* Implemented the Business Layer for **Mongo DB** **Service**. Used it for Storing Product Reviews, Ratings and Likes.
* Involved in writing **Java API** for **Amazon Lambda** to manage some of the **AWS** services.
* Implemented **Micro Service Architecture** with **Spring Boot** based **RESTful** services and consumed **SOAP** based **Web Services.**
* Extensively used different **Spring modules** like **Spring Boot, Spring Core**, **Spring JPA** **Spring Rest** and **Spring Cloud**.
* Developed **CI/CD** solutions for running an **Angular JS** application from a **Tomcat** container using **Jenkins** and **Sonatype** **Nexus**.
* Implemented **Spring boot** **microservices** to process the messages into the **Kafka** cluster setup.
* Maintained Interface compatibility and concurrency in the project using **Java 8** new features like default, static methods and **Concurrency API**.
* Extensively worked in Test Driven Development (**TDD**) framework using **JUnit**
* All the functionality is implemented using **Spring Boot** and **Hibernate** **ORM**.
* Involved in developing and modifying **UNIX shell scrips** for batch jobs.
* Actively involved in migration of **UNIX** to **LINUX** and upgrade of **JBoss EAP 6.2** to **JBoss EAP 7.**
* Extensive use of UC4 (automation) Job Scheduling to schedule and monitor batch jobs
* Used **GIT** as a version control system and for code management.
* Migrated Cassandra cluster from one **AWS** account to another **AWS** account by using **Cloud** **Formation** Templates in **JSON**.
* Implemented the application using **Spring Boot** Framework and handled the security using **Spring Security**.
* Involved in **CI/CD** process using **GIT**, **Nexus**, **Jenkins** job creation, Maven build Create **Docker** image and deployment in AWS environment
* Used **Spring Core** to define beans for **Services**, **Entity services** and corresponding depended services.
* Used **Spring Kafka API** calls to process the messages smoothly on **Kafka** Cluster setup.
* Involved in provisioning **AWS S3** buckets for backup of the application and sync this contents with remaining **S3** backups, by creating entry for **AWS S3**
* Involved in setting up the application with **Jenkins** in builds and deployments to **Tomcat server**.
* Involved in code reviews, test case reviews and bug fixing using **TFS** tracking systems.

**Environment**: JAVA 8, HTML/HTML5, XML, CSS3, JavaScript, Eclipse, IntelliJ IDE Visual Studio, Host Explorer (Mainframes), UC4, JBoss, Kafka, UNIX, AWS, LINUX, Spring Boot, TOAD, Oracle, SQL, PL/SQL, Putty, SQL Server, SSRS, GIT, Jenkins, CI/CD, Junit, SHUnit, Agile, TFS, Tomcat.

**Maximus, Reston, VA Oct 2019 – Nov 2020**

**Java Developer**

**Description:** Maximus enables citizens around the globe to successfully engage with their governments at all levels and across a variety of programs by delivering innovative business process management and technology solutions that contribute to improved outcomes for citizens and higher levels of productivity, accuracy, accountability, and efficiency of government-sponsored programs.

**Responsibilities**:

* Involved in requirement gathering, Architecture design, Analysis, preparing the use cases.
* Designed sequence and class diagrams and flow diagrams with UML Specifications for the Physician record keeper module using Rational Rose.
* Interacted with Business Analysts in gathering the application requirements and customizations based on customer and client requirements and change requests.
* Implemented the Project structure based on microservices architecture with spring boot.
* Used **HTML, JavaScript**, **Bootstrap** and **AngularJS** for faster UI development.
* Created Angular components like controllers, services, directives, and forms to collect different user data and implemented form validation in Angular.
* Designed, configured and managed public/private cloud infrastructures using Amazon Web Services (**AWS**), which includes **VPC, EC2, S3**, **Cloud Front, ELB** and **Elastic Beanstalk**.
* Using a **Spring boot** framework in **CI/CD** environment.
* Used Hibernate as **ORM** tool to map the database tables and wrote **DAOs** and **POJOs** to integrate with **Spring Framework**.
* Implemented the REST web service for utilizing the services and exposing some of the newly implemented functionalities for others through **JAX-RS** and **Spring Rest Controller**.
* Worked on **Restful Web services** as well as **Node** **Rest** framework for backend services and developed backend code using Java collections including Set, List, Map, **Multithreading**, and Exception Handling.
* Designed and developed the **REST** based **Microservices** using the **Spring Boot**
* Good Understanding of Agile testing and tools experience (**TDD, BDD, Cucumber** and **Jasmine**)
* Used Postman Collections for **Rest API** testing. **JSON** output was tested using Advanced **REST** Client or **POSTMAN**.
* Defined **AWS** Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more **AWS EC2** instances.
* Used **log4j** for tracking errors and debugging the code.
* Developed **Java Beans** and including them in **JSP** and involved in writing Java classes and Java helper classes
* Used GIT as a version control system and for code management.
* Worked on automation and Deployment using configuration Management tool like **Chef** to provision amazon **AWS**
* Worked on Deployment Automation of all microservices to pull image from private Docker registry and deploy to **Kubernetes** Cluster.
* Used **JIRA** for implementing Agile-platform.
* **Agile** Methodology for the Software Development.

**Environment**: J2EE, JAVA, Servlets, EJB, JSP, JMS, Spring Boot, REST, UML, JavaScript, JSON, Angular JS, AJAX, CSS3, HTML/ HTML5, XML, Groovy, Postman, Eclipse, Web services, MongoDB, Git, Docker, Kubernetes, Linux, WebLogic, and maven.

**Lansys Technologies**, **India** **Sep 2016 – Aug 2018**

**Java Developer**

**Responsibilities:**

* Application development using Java/J2EE Technologies which include **JDBC**, **Servlets, JSP**, **jQuery, Java Beans, Spring 3.x, Hibernate 3.0, Web Services** (**SOAP** and **RESTFUL**).
* Developed UI using **Spring MVC**, business logic using spring (**IOC, AOP**), persistence using Hibernate.
* Developed, Deployed Enterprise Web Services (**SOAP** and **RESTFUL**) and Consumed and generated client using Jersey using **Eclipse**.
* Extensively used **Hibernate** in data access layer to access and update information from the Oracle database and used Hibernate Query Language (HQL) for writing the queries.
* Used **jQuery** core library functions for the logical implementation part at client side for all the application.
* Design and implementation of Microservices with **Spring Boot** and **Tomcat**.
* Interacted with java controllers (**jQuery, Ajax**, and **JSON** to write/read data from back end systems).
* Successfully implemented Auto Complete functionality using **Ajax, jQuery, Web Service** call and **JSON**.
* Used advanced level of **HTML, JavaScript, CSS3** and pure **CSS** layouts (table less layout).
* Designed and implemented the User Interface using **Google APIs, Angular.JS, Node.JS, MVC** **framework** (which means **JavaScript, HTML**, and CSS), **jQuery, JSP** and **Ajax**.
* Worked with business analysts to understand their business models and goals.
* Created admin automated tools which make easily add, update, delete of content using **PHP**
* Developed dynamic e-mails using JavaScript, and hand coding of **HTML** and **CSS3**.
* Used **Ajax** extensively to implement front end /user interface features in the application.
* Worked in the Java Environment with framework **Hibernate** and used **Oracle** as database.
* Participated in Software Development Life-Cycle (**SDLC**) preparing Requirement Specification documents, design documents, Test cases and Analysis, User Training documents and Technical Help documents.
* Designed and developed the application using agile methodology and followed Test Driven Development (**TDD**), **Scrum**.
* Designed and developed **jQuery** components for the front-end client-side validations.
* Worked with **Mongo DB** for document databases and the working nature of **MongoDB** in the project like storage of documents using **Mongo DB**.
* Worked **CI/CD** pipeline management through **Jenkins**.
* Produced content pages with **CSS3** layout and style markup presentations and used methods and properties.

**Environment**: J2EE, Spring, Hibernate, JSP, Apache Axis, Dojo, Web Services Explorer, HTML5, CSS3, Ajax, JavaScript, Angular.JS, Bootstrap, TDD, Node.JS, Spring Boot, jQuery, JSTL, JavaScript, JBoss, JUnit, Eclipse, Oracle.

**IP Access. Ltd**, **India**. **Jun 2014 – Aug 2016**

**JAVA/J2EE Developer**

**Responsibilities**:

* Involved in Design, Implementation, and testing of the project to meet the requirements of the business users.
* Extensively worked with **Spring MVC** as middle-tier development with Hibernate as **ORM** for the application based on the **MVC design** paradigm.
* Analyzed user requirements with use case diagrams and developed Class and Sequence diagrams using **UML** and Rational Rose.
* Used **J2EE** design patterns and Data Access Object (**DAO**) for the business tier and integration tier layer of the project.
* Developed interfaces using **HTML, JSP** pages and **Spring** – Presentation View.
* Worked with **Eclipse** as Java IDE tool for creating **JSPs, Servlets** and **XML**.
* Installation and setup of the class paths, maintenance and troubleshooting while deployment of software during development and QA phases.
* Involved in using **JDBC** to connect and access database.
* Database tier involved the **Oracle** database and **SQL**.
* Developed test cases for each component and unit test them.
* Used **SOA** architecture for communication between various business entities.
* Worked closely with team members on and offshore in development when having dependencies.

**Environment**: Java, J2EE, Servlets, JDBC, JSP, MySQL, JavaScript, HTML5, XML, Oracle, Tomcat, Eclipse and windows.

**EDUCATION**:

* Bachelor’s Degree in CSE from JNTU 2014
* Master’s Degree in CIS & IT from University of Central Missouri 2019