**Sirisha Damacharla**

**Professional Summary:**

* 7+ years of software development experience in requirements Analysis, Design, Coding, Testing, and production support of scalable, Multi-Tier distributed enterprise applications using Java/J2EE technologies.
* Extensive experience developing applications using Waterfall, Agile methodologies with Test Driven Development (TDD), SCRUM.
* Experience in core Java concepts such as Multithreading, Data Structures, Collections, and Exception Handling concepts
* Excellent experience in developing secure Web applications and server-side development using Hibernate, JNDI, Spring, JSTL, EJB 2.0/3.0, JMS, XML and XSLT.
* Experienced in developing the UI screens using HTML5, CSS3, JavaScript, Bootstrap, jQuery, Ajax, JSON and Angular JS 2.0.
* Experience in using the Web Services such as SOAP (JAX-WS) and REST(JAX-RS).
* Experience developing Service components using Spring framework API's like IOC, AOP, JDBC, Transactions, JPA, Hibernate Integration.
* Extensive experience in working on various spring modules (Spring MVC, Spring Boot, Spring Security, DAO and AOP) and implementing MVC framework using spring, Struts in J2EE architecture.
* Experience working on Spring Boot to run Spring Scripts for creating Microservices.
* Experience in the design and development of SOAP and RESTful web services and integrating with the existing applications.
* Experience in database design and development using PL/SQL, Stored Procedures, Functions and Triggers.
* Experience with version control tools like Subversion, CVS and GIT.
* Experienced in build tools such as ANT and Maven for building and deploying applications on web/App servers and good experience with Log4j for logging and debugging application.
* Good analytical, problem solving and interpersonal skills. Also,aquick learner, ability to learn new technologies.

**Technical Skills:**

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| **Domain** | **Technologies Used** |
| Programming Languages: | Java 1.8, 1.7, 1.6. |
| JAVA Enterprise  Technologies: | JDBC 3.0/2.0, Servlets 2.5/2.4, Spring Core, Spring Security, Spring JDBC, Spring Integration, Spring Batch, SOAP and RESTful Web Services, JPA, EJB 3.0, Hibernate 4.2. |
| Front End (Web): | HTML, XML, JSON, CSS, JSP 2.2/2.1, JSTL 1.2, Bootstrap, JavaScript |
| JavaScript: | jQuery, Angular JS, Node JS |
| Frameworks: | Spring, Spring MVC |
| Application Servers: | WebLogic 10.0/9.0/8.1/7.0, Tomcat 7,6, WebSphere 8.5 |
| Databases: | Oracle 12c/11g/10g/9i, MySQL5.0,4.1, |
| Build Tools: | Maven 3.0, ANT |
| Operating Systems | Windows 10/8/7/NT/XP/2000/98, Unix, Linux |
| Design Patterns: | Business Delegate, Front Controller, Singleton, Observer, DTO, DAO, MVC, Factory, Abstract Factory |
| Design Methodologies: | Agile, Scrum, Test Driven, Waterfall |
| IDEs: | Eclipse, NetBeans |
| Tools: | Junit 4.0, JMETER, Mockito |

**Education Detail:**

B.Tech in Electronics and Communication Engineering from JNTUH,India (2008)

**Work Experience:Georgia DHS, Atlanta, GA Dec 2014 – Till Date**

**Full Stack Java Developer**

**Responsibilities:**

* Analyse requirements with team, write High Level design documents, System Use Case and analyse risk factors.
* Designed and developed the application using Agile methodology.
* Developed the web interface using HTML5, CSS3, JavaScript, jQuery, AngularJS 2.0, and Bootstrap.
* Worked with Angular CLI and Typescript in Angular 2.0 to create Controllers and Angular components for the Web Pages.
* Implemented RESTful webservices to make rest calls from client to server.
* Used Java 8 Lambda expressions along with Streams for creating internal iteration and performing chain operations such as Map, Collect on a collection Objects, Filters.
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC).
* Used Spring Boot and developedtheapplication as microservices.
* Implemented logging and transaction manager using Spring AOP concept.
* Connected to Data sources and performed operations using Spring Data Framework features like Spring JDBC and Spring ORM.
* Developed the persistence layer using Hibernate Framework, created the POJO objects and mapped using Hibernate annotations.
* Implemented JMS using Spring JMS module to communicate with Apache ActiveMQ queues.
* Used Maven to create the builds.
* Used Jenkins as integration tool and deployedwarto WebSphere Application Server 8.5.
* Wrote Stored Procedures and complex queries in Oracle 11g database.
* Used Log4J to monitor the error logs and GIT as version control tool.
* Developed test cases using Junit, Spring Test Module and created stubs using Mockito framework.
* Deployed in Linux environment and used Tomcat as application server, UNIX shell scripts for data migration and batch processing.
* Involved extensively in Code Reviews, Unit testing and Process Improvements.

**Environment:** Java 1.7/1.8, J2EE, Core Java, HTML5, CSS3,JavaScript, Angular JS 2.0, jQuery 2.0, JSON, Maven 3.0, Spring 3.x/4.x,Jenkins, Apache Tomcat 7,WebSphere Application Server 8.5,Git,Selenium WebDriver, Eclipse IDE, Junit,Linux, Windows.

**Microsoft, Sunnyvale,CA Mar 2014 –Dec 2014**

**Sr. Java/J2EE Developer**

**Responsibilities:**

* Designing, developing, testing and implementation of scalable online systems in Java, J2EE, JSP, Servlet's and Oracle Database.
* Participated in JAD sessions gathering along with the Business Analysts.
* Designed application modules, base classes and utility classes using Core Java.
* Implemented the project as a multi-tier application using Spring MVC & used core Spring concepts like AOP, IOC.
* Expertise in Core Java with strong understanding and working knowledge of Object-Oriented Concepts like Collections, Multi-Threading, Concurrency framework.
* Designed the system based on Spring MVC Model architecture.
* Consumed and built web services in SOAP, REST supporting both XML and JSON by taking advantage of Spring technologies.
* Developed a business logic layer using Spring Framework and integrated Hibernate.
* Used spring Object relational mapping (ORM) and hibernate for persistence in database, created DAO's.
* Implemented ORM Hibernate framework, for interacting with Data Base.
* Developed build Scripts using Maven to build and deploy the application.
* Implemented Singleton, Factory, DAO design Patterns based on the application requirements.
* Analysed the Maven dependency management in base code to annotate the dependencies on to Spring Boot application in to Gradle for Micro Services.
* Developed the Presentation layer using HTML 5, JavaScript, and used AJAX/ jQuery based rich UI for improved customer experience.
* Developed single page application by using Java Script, Angular JS.
* Performed server migration using cloud services like AWS from physical to cloud environment.
* Used Maven build tool and deployed into IBM Web Sphere 8.5 Application Server.
* Used GIT for version control and Jenkins used for continuous integration.
* Wrote Stored Procedures and complex queries in Oracle 11g database.
* Developed JUnit test cases and performed integration and system testing.
* Implemented the project using agile-scrum methodologies.

**Environment:**Java 1.6, SOAP, Spring 3.0, RESTful Web Services, Hibernate 4.0, AngularJS 1.0,AJAX, Servlets 3.0, HTML5, CSS3, Node JS, JavaScript, CSS3, jQuery 2.0, JSON, WebSphere 8.5, Agile, JMS,Eclipse, JUnit 4.4, JMETER, Windows OS, Unix.

**CGI, Chennai Feb 2011 – Jan 2013**

**Java Developer**

**Responsibilities:**

* Extensively involved in analysis and design of the back-end skeleton including connecting to database, creation of Data Model layer and DAO Layer for the system using Hibernate.
* Involved in the creation of mapping of the Oracle database tables using POJO classes to the upper application layer of the application.
* Used different Transfer Object (TO) to merger/transfer data between different layers.
* Developed application functionality inside DAO layer; that can be used in the processing of all the transaction of the application using Spring Framework.
* Implemented Model View Controller web framework.
* Created User Interfaces (UI) using JSP, JSTL, HTML, JavaScript, AJAX and CSS.
* Generating dynamic PDF reports with the help of XML using XSLT.
* Deployed application to the JBoss Application server.
* Worked with Ant to create build automation for the system.
* Involved in JUnit, functional testing and involved in debugging process.

**Environment:** Java 1.5, J2EE, Spring, Hibernate, JSP, Servlets, Ajax, HTML, DHTML, XML, XSL, XSLT, CSS, JavaScript, Oracle, JBoss, Linux