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**Sireesha M**

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SUMMARY**:**

* Over 10 years of IT experience in the areas of Analysis, Design, Development and Testing of web based and client server multi-tier applications using **Java**/**J2EE** technologies.
* Extensive experience in working with frameworks – **Struts**, **Spring 4.0/3.0, Hibernate** and **MVC**.
* Good Knowledge of using **HTML5**/**DHTML**, **XHTML**, **JavaScript**, **jQuery**, **JSON**, **XML**, **XSL**, **XSLT**, **CSS3**, **Applets**/**Swings.**
* Expertise in producing and consuming **SOAP** as well as **REST** web services using **WSDL**, **SOAP**, **JAX-WS**, **JAX-RS**, **Apache Axis**, **Apache CXF**, **JERSEY**.
* Expert in **Spring framework** including configuring Spring Application Context with **Dependency Injection**, **Spring IOC** (Inversion of Control), **Spring AOP** (Aspect-oriented Programming), **Spring MVC**, **Spring Security**, **Spring Boot, Spring Data, Spring Cloud, Spring JPA** and **Spring Batch**.
* Expertise in Implementing **Java**&**J2EE** design patterns like **MVC**, **Session Facade**, **Data Access Object** (**DAO**), **VO**, **DTO**, **Factory**, **Singleton** and **Front Controller**.
* Extensively used building tools like **ANT**, **Maven** to compile, package and deploy the components to the Application Servers.
* Experience of using IDE Tools like **Eclipse**, **NetBeans**, **Rational Application Developer** (RAD) for **Java**/**J2EE** application development.
* Strong knowledge and good experience in providing logging support using **Log4j**.
* Experience **with AngularJS, bootstrap, Node.JS, React, Grunt, Gulp.**
* Experience in **AWS** Cloud platform and its features, which includes **EC2**, **EBS** Cloud watch, **AWS configuration**, Auto-scaling and **AWS S3**.
* Good experience in **Amazon Web Services** (AWS) environment and good knowledge of AWS services like **Elastic Compute Cloud** (EC2), **Elastic Container Service**, **Simple Storage** (S3), **Elastic Beanstalk** and **Cloud Watch**.
* Strong experience in database design using **PL/SQL, DB2** to write tables, Stored Procedures, Functions, Triggers, Indexers and proficiency in writing complex queries, using **Oracle**, **IBMDB2**, **SQL Server**, **MySQL** and **MongoDB**/**NoSQL**.
* Developed a **MEAN** Stack Application Using **MongoDB**, **Express JS**, **Angular JS**, **Angular 6** and **Node JS**.
* Experienced in implementation of JMS to exchange information over reliable channels in an asynchronous way by using **Rabbit MQ** as a message queue.
* Experience on version control tools like **GitHub**, **Bitbucket, Subversion** (**SVN**) and **CVS**.
* Good understanding on **JIRA** and **Rally**

SKILL SET:

**TECHNICAL SKILLS:**

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| --- | --- |
| **Primary Languages** | Java (1.5/1.6/1.7/1.8), SQL, PL/SQL |
| **J2EE/Middleware** | J2EE (Servlets 4, JSP 2.0, JDBC) |
| **Frameworks / UI** | Struts 1.1/2.0, Spring 2.5/3.x/4.x, Swings, Hibernate 4.0, DOJO |
| **Web services** | RESTful, SOAP, UDDI, WSDL, JSON. |
| **Design Methodologies/Tools** | Waterfall model, Agile SCRUM |
| **Version control Tools** | SVN, Git |
| **Database** | Oracle 9i/10/11, MySQL 4.x/5.x, DB2, MongoDB |
| **Tools/Others** | Service Now Tool, JUnit, ANT Maven 2.2.1, Log4J, Putty, Jenkins. |
| **GUI Technologies** | HTML5, CSS3, JavaScript, AJAX,Spark |
| **Web/App Servers** | Tomcat 5.0/6.0, WAS 6.1/7.1, WebLogic7/ 8/10, JBoss |
| **Operating Systems** | Windows, UNIX/LINUX |
| **Other Languages** | C, C++ |

Certifications:

* **AWS certified Developer – Associate (DVA)**

**PROFESSIONAL EXPERIENCE**:

**Bank of New York Mellon, Jersey City, NJ April 2019 – Till Now**

**Java Full Stack Developer**

**Responsibilities:**

* Good professional experience in technologies like JAVA, Java Script, AWS, Docker, Git.
* Developed front end using the JSF, JavaScript.
* Worked with Spring Core, Spring MVC Framework for Dependency Injection (DI), and Spring Context to provide message sources.
* Designed and deployed XML files for Dispatcher Servlets, Application Context and Controllers to implement the Inversion of Control (IOC) module in spring.
* Worked on REST, web/http services, Json, messaging, authentication/authorization using JAVA.
* Generated JSON format data packets from middle-tire controller to front-end using postman JSON API.
* Hands on experience in usage of **object/relational-mapping (ORM) solution technique,** to map data representation from **MVC model** and **Oracle Relational Data Model** with a **SQL-based schema**.
* Involved in creating tables and worked on **SQL** and **PL/SQL** to write Stored Procedures functions and complex Inserts and updates in the database. And used Stored Procedures in the application.
* Involved in **Stored Procedures**, User Defined functions, Views and implemented the Error Handling in the Stored Procedures and SQL objects and modified already existing stored procedures, triggers, views, indexes depending on the requirement.
* Developed server running script for automation using the JBoss application server.
* Configured Log4j for adding the debugging information in the code base.
* Integration of Amazon Web Services (AWS) with other JAVA web applications.
* Experience on **AWS Deploying**, managing and operating scalable, highly available, and fault tolerant systems and managed continuous delivery systems and methodologies on **AWS**.
* Used GIT for repository management.
* Used **Jenkins** for building, creating snapshots and deploying servers.
* Experience working with **Docker** to improve our (CD) Continuous Delivery framework to streamline releases.
* Developed and maintained large-scale distributed systems using Java and Apache **Spark**.
* Designed and implemented data processing pipelines using **Spark** RDDs and Data Frames.
* Optimized **Spark** jobs for performance and scalability, reducing processing time by 30%.
* Debugging production issues, root cause analysis and fixing.
* Used **JIRA** for defect management and to keep track of bugs and issues.

**Environment**: J2SE, J2EE, JSP, spring boot, HTML, XML, JavaScript, HTML, Spark, SQL, Oracle.

**Client: Verizon Tampa, FL Jan 17 – Mar 18**

**Jaba Full Stack developer**

**Responsibilities:**

* Build with Java, J2EE, Apache **Tomcat** 8.0, **WebLogic** 10, Maven 3.0, Spring Wicket, Junit, Oracle 12c, Spring 4.0, RESTFUL web services, JSON, Selenium and Cucumber
* Created and developed UI components within single page application (SPA), by using AngularJS**.**
* Development of a well responsive SPA (single page application) using **AngularJS** framework in conjunction with **HTML5, CSS3, JavaScript, jQuery,** **AJAX,** standards with front-end UI team.
* Develop core Java programs for all business rules and workflows using **Spring** framework with Spring Cloud.
* Implement **Hibernate** for data persistence and management.
* Implemented various pages in the application using **AngularJS MVC** framework and lodash **JavaScript** utility library.
* Implemented the back-end services using **Spring Boot**.
* Implemented **Unit** testing for API using **Mockito**.
* Test Driven Development using **JUnit** Testing.
* Used MongoDB for the project.
* Parsing various format of files like **XML, JSON** format files and loading into Oracle database with **XML** and JSON modules.
* Experience building **Microservices** for the delivery of software products across the enterprise
* Implemented a Continuous Delivery pipeline with **Docker**, Jenkins and **GitHub** and **AWS AMI’s**.
* Built **Lambda** functions to save data snapshots into **AWS S3** buckets using **Node JS**.
* Built backend **REST API** with **Node JS**, **Express JS**.
* Used the Atlassian products **JIRA**, Confluence and Bamboo in the business process.
* Followed **Agile** engineering approach using **SCRUM,** XP and Test to Design.
* Implemented Oracle 11g Active Data guard for Disaster Recovery Solution.
* Worked with Selenium.
* Responsible for maintaining and expanding **AWS** (Cloud Services) infrastructure using **AWS Stack** especially worked with database setup and maintenance on **AWS EC2**.
* Upgrade of existing application platforms to latest versions of Oracle WebLogic 12.1.3, SOA 12.1.3

**Environment:** Java 1.8, Spring Framework 4.0, Hibernate, Web logic, Oracle 11g/12 c, HTML5, CSS3, NodeJS, JavaScript, Angular2, Web Services, REST, XML, Spring Boot, Mockito, SOA, RabbitMQ, WebLogic, Selenium, , AWS, TDD, Swings, EJB, Jenkins, MongoDB, Docker, Jenkin, GitHub, Microservices.

**Client: Charter Englewood, CO Jan 16 – Dec 17**

**Java Developer**

**Responsibilities:**

* Involved in gathering, analyzing and documenting business requirements, functional requirements and data Specifications for application development.
* Develop core Java programs for all business rules and workflows using Java and **spring** framework.
* Re-factor existing code structure to separate core business logic and **Data Access Objects** (DAOs).
* Implement **Hibernate** for data persistence and management.
* Analyze and fix issues related to **REST** Web services and Application responses.
* Design and develop the presentation layer using **JSPs, jQuery** and **JavaScript.**
* Built **ANT** scripts for automated deployment and for the build operation of the entire application.
* Involved in the Development of **Spring Framework Controllers**. Developed Controller for request, response paradigm by Spring Controllers using **Spring-MVC**
* Developed **Spring boot** application with Spring Cloud.
* Exposure to implementing **RESTful-AngularJS** driven interface and consuming JSON based **RESTful** APIs.
* Implemented **Multi-Threading** and Asynchronous **WEB API** calls to improve the performance of the application.
* Expertise in Cutting Edge Technologies like **EJB, JPA, JMS** and **WebSphere** MQ Series with good experience in Developing and Deploying **Enterprise Java Beans** (EJB) on Application Servers like WebLogic 10, WebSphere and **JBoss.**
* Involved in SQL development using Stored Procedures, Views and Queries with Oracle and DB2.
* Build and deployed scripts using **Maven** on **UNIX** environment.
* Created unit test cases and mocked complex classes using **JUnit, Mockito,** and **Power Mock.**
* Configured various interceptors for transaction management, security, Audit logging (database) and logging using **Spring AOP.**
* Experience with **RabbitMQ.**
* Developed **spring boot** application.
* Developed and maintained scalable web applications using Java EE, Spring Boot, and **Angular 14**.
* Implemented classes, interfaces, methods, constructors and objects definitions using Typescript.
* Used **ANT** scripts for automated deployment.
* Worked on Deployment Automation of all micro services to pull image from Private Docker registry and deploy to Kubernetes Cluster.
* Developed a full-stack e-commerce platform using Java, Spring Boot, **Angular 14,** and MySQL
* Used RESTFUL client to interact with the services by providing the **RESTFUL URL** mapping
* Exported web services using **JAX-WS** **Spring** support. Extensive experience in production support.
* Implemented external customer page using **Spring MVC** pattern and **IOC**.
* Integrated **Hibernate** with **spring** by coding a Spring Configuration file.
* **JIRA** tool was used for bug tracking.

 **Environment:** Java 1.7, J2EE, Eclipse, Spring Framework 4.0, Swings, Hibernate, XSLT, NodeJS, Oracle 10g, JPA, Web Services, REST, WSDL, TDD, XML, Agile, Spring boot, JAXB, SpringBoot, JUint, Spring Boot, Mockito, AWS, Angular 14, Logging, Ant.

**Client: Resource Technologies, India Feb 2014 – Aug 2015**

**Role: Java Developer**

**Responsibilities:**

* Analyzed and extracted the event flows of the UI layer code written in **JavaScript**, Struts, Java Applets and **JSPs** to come up with the sequence diagram for various transactions.
* Developed front-end using **HTML, CSS, JavaScript, JQuery** featuring the Implementation.
* Applied Struts features like Tiles and Validation framework.
* Designed and implemented Struts (**MVC** Paradigm) components such as Action Mapping, Action class, Dispatch action class, Action Form bean, and a form set for validation.
* Implemented MVC architecture by using **Struts/Swings** to send and receive the data from front-end to business layer. Integrated the Struts and **Hibernate** to achieve Object relational mapping. Used apache struts to develop the web-based components and implemented DAO. Leveraged struts-validations, struts-beans tag libraries.
* Used Struts Action Servlet to route the request to corresponding Action Classes.
* Developed Action forms, Action classes using Struts framework to handle user requests and Implemented Struts Bean Tags, Logical Tags and Display Tags in JSPs.
* Developed application using **Struts, JSP, JSTL and AJAX** on the presentation layer, the business layer is built using spring and the persistent layer uses Hibernate.
* Developed stored procedures, triggers, functions for the application.
* Involved in designing data schema and development of **SOAP** web services with Axis implementation and REST web services with JAX-RS.
* Developed additional UI Components using JSF and implemented an asynchronous, **AJAX** communication (**JQuery**) based rich client to improve customer experience.
* Consumed SOAP and REST web services to get the persisted data from different databases.
* Configured Struts-Config. **Sireesha Moka** for action mappings.
* Involved in implementing Value Object Pattern, **MVC** & Factory Pattern.
* Deployed application into **WebLogic** Application Server.
* Used Subversion for version control management and consistently produced high quality code through disciplined and rigorous unit testing (**JUnit**).
* Analyzed the existing access system and re-designed it in Oracle by developing data validation and load processes using PL/SQL Stored Procedures, Functions, and Triggers to enhance and improve functionality requested by business for reducing manual processing time.
* Created database Triggers to record Insertion, Updating, Deletion and all other audit routines.
* Responsible for Code Reviews and **PL/SQL** Code Tuning.
* Involved in complete development of Water fall Methodology and tested the application within the iteration. Setting up Daily Status meetings with team and communicate Status to Project Manager.
* Involved in the overall system’s support and maintenance services such as Defect Fixing, Feature Enhancements, Testing and Documentation.
* Used **JIRA** for tracking bugs & Maven script for building and deploying the application

**Environment**: J2EE, Web logic Application Server, JSP, Servlets, JQuery, Struts, Hibernate, SOAP, REST, Oracle, Maven, JUnit, and Subversion, PL/SQL, HTML, CSS, JavaScript, JSTL.

**Education/Certification:**

* Masters in computer science from American College of Commerce and Technology – VA.
* Bachelors in engineering and Technology – INDIA.