

**Sindhuja(Sr. Full Stack Java Developer)**

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##### ProfessionalSummary

* Over **9 years** of experience in **design, development** and **deployment** of **web-based Client-Server** business applications using **OOP, Java/J2EE technologies**.
* Extensive work experience in all phases of **Software Development Life Cycle** including Requirement gathering, Analysis, Design, Coding, Testing and Implementation in **Agile.**
* Expertise in Server-Side Programming using **J2EE, Java, JSP, Servlet, Spring MVC, HTML 5, JavaScript, SQL, PL/SQL**. Developed the UI using **Angular 9**(Single page application) and **Swagger**.
* Extensive experience in developing scalable, reliable and efficient enterprise applications using **Java, Spring, swings, Struts, Web Services, RESTful, JSF,JSP, Servlets, EJB, XML,PL/SQL, Unix scripting.**
* Implemented **JSP, HTML5, CSS3/4, JavaScript,** and **Ajax** to design front end.
* **Experienced in implementing Service Oriented Architecture and Web Services using SOAP, REST.** Building the **REST API** layer to sharing the data between the front end and Data objects.
* Implemented a **RESTful** API to save and retrieve information in **Java** using **Spring MVC** and **NoSQL**.
* Experienced in **Microservices** developing **SOA** (Service Oriented Architecture) and **J2EE Web**
* Knowledge of monitoring, logging and cost management tools that integrate with **AWS**. Knowledge of **AWS**cloud service like **Computer, Network, Storage** and **Identity & access management.**
* Provided support in the performance testing using **JMeter**task includes developing test plan, test script and reports. **Knowledge on Micro-service architecture.**
* Execution of automated test scripts using **JMeter based on business/functional** specifications.
* **Services** based on **SOAP, WSDL, UDDI, JAX-WS, JAXB, JAX-RPC** using tools like **Apache Axis.**
* Experienced in Middleware persistence framework like **Hibernate/JPA** for mapping Java classes with database and using **Hibernate Query Language (HQL)**.
* Experienced in writing **complex SQL queries, procedures**, **Triggers** and **Stored Procedures** in various databases such as **Oracle**, **DB2** and **PL/SQL.**
* Experience in database modelling, design and development of **PL/SQL** stored procedures, packages in relational databases **Oracle 11g**, **SQL Server, DB2, PostgreSQL** and **MySQL**.
* Good experience using **Amazon Web Services**and **AWS SNS/SQS** for delivering messages.
* Experienced in **Apache Spark** for implementing advanced procedures like text analytics and processing using the in-memory computing capabilities written in**Scala.**
* Experience in working with web servers like **Tomcat 8**, **WebSphere,JBoss** and **WebLogic.**
* Experience providing training to development teams on how to track, plan and analyses using **JIRA**.
* Experienced in Development, Testing and Deployment of enterprise applications on **Windows, Linux and UNIX** platforms using IDE's such as **Eclipse, STS, Net Beans, IntelliJ.**
* Experience in creating **Docker** images, Containers, push/pull and integrating with **Spring Boot**.
* Using **Docker** for runtime environment of **CI/CD** to build.
* Developed permission system using **Drools** business rules management system.
* Expertise writing the Test Cases to be automated and performed functional testing of the front end using **Selenium** (IDE and Web Driver) &**created** Data Driven framework using **Junit, Mockito.**
* Using of **Apache Tomcat** in **Spring Boot** to communicating with **Spring MVC**.
* Worked on REST to **gRPC**migration for REST calls.
* Interacting with application support for developing issues in the **MicroStrategy** reporting.
* Deploying the architecture modifications and re-creating the new reports in **the MicroStrategy Developer.**
* Involved in migration of Business Objects Documents to **MicroStrategy Documents**.
* Customized Reports, Documents and Deployed them to **MicroStrategy Web**.

**TECHNICAL SKILLS:**

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| **Languages** | **Java8, JavaScript, Drools, SQL, PL/SQL** |
| **Web Technologies**  | **JSP, SERVLETS, JavaBeans, Java Servlet API, JDBC** |
| **Frameworks** | **Spring, Hibernate, Microservices, Angular2/6/9, Spring Security, Spring MVC, Spring Boot, Struts, Spring Ribbon, Servlets, Java Swing, AWT, Applets** |
| **Application/Web servers** | **Apache Tomcat 8, IBM WebSphere, WebLogic.** |
| **Relational Databases** | **Oracle 10g/11g, DB2, SQL server, MySQL, PL/SQL** |
| **Cloud Environments** | **AWS, Docker** |
| **IDE Tools** | **Eclipse, IntelliJ, NetBeans 8.0.2, Spring Tool Suite (STS).** |
| **Operating system** | **Windows 10, Linux, Unix** |
| **Reporting Tools** | **Crystal Reports, SSRS, Certification on (MicroStrategy)** |
| **Methodologies** | **Agile, waterfall, Scrum TDD (Test-Driven-Development)** |
| **Build Tools** | **Jenkins,Maven** |

**PROFESSIONAL EXPERIENCE:**

**Client: CapitalOne, Richmond,VA Jun’19 - Till Date**

**Role: Sr.Java Full Stack Developer**

**Description:** Commercial Banking line of business. One view is an associate and external customer facing applicationused to exchange documents and data between capital one commercial bank associates and customer seekingcommercial products.

**Responsibilities:**

* Successfully completed the Design and Development of project modules.
* Interacted with end users to**gather,analyse**and **implemented business logic** using**Agile Scrum** Software Developmentmethodology.**JUNIT**for extensive functional and unit testing code.
* Implemented **Agile** methodology for daily **scrum meetings, code reviews** and planning for **sprint.**
* Developed Web Application using Client Script design technologies like **HTML5**, **CSS4**, **Angular9**, **and XML** and used Bootstrap for creating Responsive Webpages.
* Extensively used/modified to perform **AJAX** calls for creating interactive web pages on **JSON** response.
* Using **Angular9, JavaScript** and **Hibernate** for administrating and managing users and client.
* Creating a responsive web application integrating **Bootstrap** with **Angular 9**and media queries.
* Used various **Bootstrap** plug-in like **date picker, Bootstrap** selectors.
* Involved in developing a Single-Page Application pages using **Angular 9, REST** Services.
* Used one-two-way data binding, filters, **UI-routers** and creating custom in **Angular 9**.
* Wrote **Angular 9** services to consume Restful web service to load data.
* Advanced **Java 8** features like **Lambda expressions** for array, **Streams, Method reference, collections**.
* Enhancing methods throughout the application for well-defined programming.
* Used **Java 8 Method References** to point to methods by their names and used **functional Interfaces.**
* Used **J2EE** design patterns like **Service locator, Adaptor Factories, Observer design, Factory**.
* Built application on **spring boot** (annotation based) running on Embedded **Tomcat.**
* Used **spring** for Dependency Injection,**Spring MVC** for **RESTful API**s and **Spring Boot** for **Micro services.**Used **Microservices** architecture with **Spring Boot** based services interacting through **REST.**
* Involved in migrating existing applications to **Microservice**architecture based **Restful** Service
* Built **REST**based on **Microservice** with **Spring Boot** and deploying in a cluster whereas, running in the **AWS** using **cloud transformation**.
* Developed Application assessto **JSON** and **XML** from **Restful** web service from consumer side.
* Developed **REST** exception handling controller to respond the bad requests and server-side exceptions. **Spring Boot** was developed with microservice architecture using **REST** and **Apache Kafka**.
* Created **Spring Boot** applications testing suite using Spring Junit plug-in and Mockito framework.
* Worked on Initial **Spring** and **Maven** Configuration set for the Project Spring - Maven Framework.
* Developed Java Server components using **Spring, Spring MVC, Hibernate, Web Services** technologies.
* Implemented **Model View Controller (MVC)** Architecture based presentation using **JSF framework**.
* Knowledge of monitoring, logging and cost management tools that integrate with **AWS.**
* Knowledge of **AWS**cloud service like **Computer, Network, Storage** and **Identity** & **access management**
* Experience in Integration of Amazon Web Services **AWS** with other applications infrastructure.
* Experience in scripting deployments to **AWS**. Knowledge on **Micro-service architecture.**
* Involved Writing in **Java API** for **Amazon, Lambda** to manage some of the **AWS Service**.
* Developing **Microservices** using **Spring Web Services** template.
* Using **Kafka Producer** and **Kafka Consumer** in **Microservices** to enhance that **real time** data flow between the customer and client Worked with **NoSQL databases.**
* **Worked on JPA as persistence layer, involving to synchronize with database through XML.**
* Worked on creating of custom **Docker** container and **Docker** consoles for images, tagging, pushing images, integration of **Spring boot**.
* Using of **Jenkins** to build a tool for **CI/CD** (Continuous Integration and continuous deployment) process. Using the **Docker** containers and Docker consoles for managing the application life cycle.
* Support the performance testing using **JMeter**task includes developing test plan, test script and reports.Execution of automated test scripts using **JMeter based on business/functional** specifications.
* Used GitHub repository to run the **Jenkins job** for Continues Integration.
* Implemented multiple unit and integrations tests using **Mockito.**
* Expertise writing the Test Cases to be automated and performed functional testing of the front end using **Selenium** (IDE and Web Driver) &**created** Data Driven framework using **Junit, Mockito.**
* Implementing the **Maven** to enhance the building the script.
* Used **Drools** to handle complex rules by using **Rule Sets and Rule Flows**.
* Used **Drools Engine** for writing Business Validating process.
* Worked with high volume and complex **PL/SQL stored procedures** and **packages** using **TOAD**.
* Experience in writing database objects like **Stored Procedures, Functions, Triggers, PL/SQL packages and Cursors**.Implementing the **GIT** for Source Control and Version Management.
* Providing testing assistance on production updates, such as **MicroStrategy** upgrades project architecture modifications, new reports.
* Review the code developed by **MicroStrategy Developers.**
* Creating users in **MicroStrategy Desktop** for testing the **reports on web.**
* Experience in deploying and scheduling the reports based on quarter, month, and year reports.
* Creating new metrics as per requirement.
* Based on requirement creating a **Custom Groups and Consolidations.**
* Design, develop and implement **MicroStrategy Cubes, reports, documents,** and **dashboards** based **on** agile stories using the **MicroStrategy** suite of tools**.**

Environment:J2EE, Java 8,HTML5, AWS,XML, CSS4, Java Script,AJAX, JSON,Microservices,Multi-Threading, Hibernate, Shell Scripting, Restful Services, XML, Angular 9, Spring, Spring MVC, Spring Boot, Mockito, Maven, Oracle 11g, Scala, Drools, Docker, Jenkins, JMeter,**JPA**,Spring Security, Jenkins, Apache Kafka, Selenium,SQL, PL/SQL, TOAD, Microstrategy.

**Client: City Of Las Vegas, NV Mar’17-Dec’18**

**Role:** **Java/J2EE Full Stack Developer**

**Description:** City of Las Vegas is a government organization that handle all the city departments cycle like Planning, Analysis, Design,Business license, Code Enforcement, Building, Testing and Implementation.

**Responsibilities:**

* **Followed agile methodology and attended daily and weekly SCRUM meetings to updating work status.**
* Experience in web Designs which includes **HTML5, XHTML, CSS3, JavaScript, XML,Angular 6**.
* **Service Oriented Architecture(SOA) was exposed through RESTful web services with loose coupling between layers using Spring framework during development.**
* Worked on **Angular 6** to structure **JavaScript**, **TypeScript** code in an **MVC** model.
* Used **Angular 6** to build a single-page application and also using **the Angular 6**, we created custom directives for re-usable components.
* **Experience in SOA, Microservices and Enterprise Application Integration architecture solutions.**
* Called external vendor applications using **Web Services** for delivering notifications.
* Created **SOAP** based web service using **JAX-WS** and tested service using **SOAP UI**.
* Tested **REST** services using google chrome’s **POSTMAN** plugin.
* Built **Microservices** for the delivery of Purchase Order module using **AWS** **Lambda**
* Design, investigation and implementation of public facing websites on Amazon Web Services **AWS**.
* Created **CI/CD** jobs for continuous integration and continuous delivery to **AWS** environment.
* **Designed and developed Microservices using REST framework and Spring Boot and secured API’s.**
* Used **Spring Boot** with **Microservices**by using of **Restful API** for data.
* Using **Spring Boot** to create faster in building cloud **Microservices**.
* Developed **several REST web services** which produces **both XML and JSON** to perform tasks, leveraged by both web and mobile applications.
* Implemented **swagger** in project for **API** design, build, document, and consume **RESTful** Web services.
* Implemented **KafkaProducer** and consumer logic using **Kafka Streams** and **Apache Kafka API**.
* Design /Implement large scale pub-sub message queues using Apache **Kafka**.
* Written **Kafka Rest API** to collect events from front end.
* Extensively worked on Entity beans in the persistence layer, interaction with Oracle DB.
* Implemented the associated business modules integration using spring and Hibernate data mapping.
* Worked with custom **Docker**i.e., images, pushing images, tagging,integration of **Spring boot**.
* Creating the **Docker containers** and **Docker consoles** for managing the applicationof life cycle.
* Working with different departments (Building, fire etc.) in City Of Las Vegas to gather requirements.
* Create **ETL** jobs using **Oracle Data Integrator** to move the data between different systems.
* Implemented **PL/SQL** and **SQL\*Loader** creating the **ETL packages** for capturing the errors in log tables.
* Developed **SSRS Reports** for 'Direct' and efficient reporting access to information residing in both **SQL Server databases** to get the accurate reports.
* Used **SQL Server SSRS** to build high performance data integration solutions including extraction, transformation and **load packages** for datawarehousing.
* Extracted data from the **XML** file and loaded it into the database.
* Worked as a bridge between business and technical team.
* Creating and scripting creates **new tables, views, queries** for new enhancement in the application using **SQL developer**.

**Environment: JavaScript, HTML5, CSS3, Angular6, XML, Oracle 11,RESTful web services, AWS, Microservices,Spring Boot, Docker, Kafka,POSTMAN**,**Agile, SoapUI, JAX-WS, SOA, RESTful,Toad, SQL**

**Client:**American Airlines **Aug’ 15 – Feb’ 17**

**Role:Java/J2EE Developer**

**Description:**Airways is designed to replace expedite and improve the process of accommodating card holders who have been disrupted while also providing American Airlines with a comprehensive platform to increase reports and statistics.

**Responsibilities:**

* **Experienced with Software Development Life Cycle(SDLC) with object oriented of business process and worked on developing Service oriented architecture applications in agile development environment.**Developed application by using framework **Angular2** with **HTML5, CSS3** and **JavaScript.**
* Developed applications by using **Angular2, Java8** and new features of java (lambda expressions).
* Build UI components using **Angular 2 dependency Injection**, Models, data binding and controllers.
* **Developed Web applications in MVC architecture using Spring framework.**
* **Spring MVC Framework IOC design pattern to provide relation between application components.**
* Developed **Microservices** for service oriented architecture to build deploy.
* Used Jenkins as **CI** tools to deploy the **Spring Boot Microservices** to **(AWS)** using build pack.
* Utilized **AWS Lambda** platform to upload data into **AWS S3** buckets and to trigger other **Lambda** functions in the applications.
* **Experience on AWS Deploying, managing and operating scalable, fault tolerant systems and delivery systems and methodologies on AWS.Developed Webservices using SOAP and Restful architecture.**
* **Developed REST web services using Spring MVC to extract client related data from database and used SOAPUI for testing these RESTFUL API web services.**
* Familiarity with **Service Oriented Architecture(SOA)** by developing and consuming **RESTful** web services based on **JAX-RS** and **Jersey**.
* **PostgreSQL**classes were developed to retrieve and save data using spring framework manager classes.Involved in writing **Thread** Safe blocks for **multithread** access to make valid transactions.
* Wrote corresponding one-one **REST** methods to implement respective change control.
* Implemented the **Web Service** client for the login authentication, credit reports and applicant information using **JAX-WS**and **Apache Axis 2**. Deployed the application in **JBoss** Application Server.
* **Experienced with setting up the basic project setup from scratch using Spring-Hibernate based design.**Worked on **JUnit** for creating test cases for all the Business Rules and the application code.

**Environment:**

**Angular2, HTML5, CSS3, JavaScript**, **JBoss,Spring, Hibernate, Spring MVC, SOA, RESTFUL, JAX-RS, JAX-WS ,SoapUI, JAX-WS, Apache Axis 2, Web services.**

**Client: HSBC, Bangalore, India. Jan’12 - Dec’14**

**Role: Java Developer**

**Description:** This project involves developing a J2EE based framework to support dynamic report creation from various distributed databases. The framework supports dynamic PDF report generation using the open source PDF generation library. The framework facilitates new report formats and databases by using xml configuration files. ​

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle** (**SDLC**).
* Played key role in the high-level design for the implementation of this application.
* Developed the Training and Appraisal modules using **Java, JSP, Servlets and JavaScript.**
* Designed User Interfaces using **Swings, JSP, JavaScrip**t, Developed Hibernate persistence layer modules using **Java Persistence API (JPA).**
* Created tables, Views, Types, triggers, complex join queries, stored procedures, and functions and modification to exciting database structure as required for addition of new features.
* Developed various **GUI interfaces** using **Java** **AWT** and **Swings**.Developed **UI using java swings.**
* Involved in Designing the Database Schema and writing the **complex SQL queries.**
* Involved in Code reviews for other modules developed by peers.
* Designing and establishing the process and mapping the functional requirement to the workflow process.Accessed stored procedures and functions using **JDBC Callable statements**.
* Deployed the applications on **IBM Web Sphere Application Server.**
* Executed and coordinated the installation for the project.
* Worked on web-based reporting system with **HTML, JavaScript and JSP.**

**Environment:Java, (JSP, Servlets, EJB), JDBC, oracle, HTML, DHTML, IBM Web Sphere, SQL.**

##### Professional Certifications

Certification on MicroStrategy

##### Education Details

Bachelor’sin Computer Science | (JNTU) Hyberabad, India

Masters in Computer Science |NorthwesternPolytechnicUniversity,California, USA.