

Sreekanya
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Sr. Java Developer

OBJECTIVE:

Over **6 years** of experience and backed with rich domain knowledge and practical knowledge of several IT technologies, I seek a career with challenging assignments to amalgamate personal enrichment with professional goals.

SUMMARY:

- Experience working with various SDLC methodologies based on **Agile/SCRUM** like **Test Driven Development (TTD)**, **Incremental** and **Iteration methodology**, **Pair Programming**, **Agile Development**
- Good hands-on experience with **Core Java**, **Object Oriented Programming** Principles like **Class Object**, **Inheritance**, **Polymorphism**, **Abstraction**, **Encapsulation** with strong understanding and working knowledge of **Collections**, **Multi-Threading**, Exception Handling and Data Structures.
- Implemented various J2EE design patterns like **Service Locator**, **Session Façade**, **Data Access Objects (DAO)**, **Factory**, **Singleton**, **Data Transfer Object (DTO)**, **Service Oriented Architecture (SOA)** and Business Delegate in the development of multi-Tier distributed Applications.
- Proficient in implementation of frameworks like **Spring (Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, Spring Data, Spring Batch)**, **AJAX frameworks (Rich Faces, My Faces)** and **ORM frameworks like Hibernate**.
- Proficient in developing **Web Services**, related technologies & frame works: **WSDL**, **SOAP**, **REST**, **JAX-WS**, and **Jersey**, **SOAP UI** and generating client's client using Eclipse for Web Services consumption.
- Expertise in Creating **Hibernate configuration** file, **Hibernate Mapping** files and defined persistence classes to persist the data into **Oracle Database**.
- Created multiple **mule ESB** flows to interact with legacy systems to process mortgage loans.
- Experience in developing **XML** documents with **XSD** validations.
- Experience in implementing Design Patterns like **Singleton**, **Factory**, **MVC**, **Data Access Object** and **Business Delegate** and proficient in core java concepts like **Collection Framework**, **Multi-threading**, **Generics**, **Annotations**, **Serialization**, **Thread pools**, **JavaBeans**, **Externalization**.
- Extensive experience working with RDBMS such as **MySQL**, **MS SQL Server**, **Teradata**, **DB2**, **Oracle**.
- Experience in working with the **NoSQL** Database like **MongoDB** to manage extremely large data sets. Worked on deployment, installation, configuration and issues with Application servers like **Apache Tomcat**, **IBM Web Sphere**, **WebLogic** and **JBoss Enterprise Application Server**.
- Hands on experience with build tools like **Ant**, **Maven**, **Gradle** and **Configured and created application log files using Log4J** to trace required application messages.
- Used **Amazon Web Services (AWS)** a secure cloud services platform, offering compute power, database storage, content delivery and other functionality to help businesses scale and grow.
- Experience in creating **Docker** images, Containers, push/pull and integrating with **Spring Boot**.
- Experience with **CICD-Ant**, **Maven**, **Gradle**, **Jenkins**, **Concourse**, **CVS**, **Git**, **Git Hub**.
- Experience on different IDEs such as **Eclipse**, **Spring Tool Suite**, Any point Studio and **IntelliJ**.
- Proven ability in creating page Objects, data driven, keyword driven automation frameworks for J2EE based applications using **Junit**, **Selenium Web Driver**, **Mockito**, **Groovy Spock**, **TestNG Testing**, **Cucumber**, **Ant**, **Maven**, **Bamboo** and **Jenkins**.
- Having Experience on **UNIX**, **Linux** commands and Deployment of Applications in Server and ability to work effectively on **Windows** platforms.
- Ability to work effectively in cross-functional team environments and experience of providing training to business users.
- Skilled in using **DevOps** tools such as **Jenkins**, **Ansible**, and **Terraform**, with experience in implementing Continuous **Integration/Continuous Delivery (CI/CD)** practices.

TECHNICAL SKILLS:

Programming Languages	Java, J2EE, SQL, PL/SQL
Enterprise Java/J2EE Technologies	Java, J2EE, JDBC, Servlets, JSP, JMS, Java Beans, Struts, Spring and JPA

Tools & Framework	Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, JSF, JUnit, SOAP UI, Jersey.
Web/App Servers	Web Sphere, Apache, Apache Tomcat, JBOSS EAP, Web Logic Server and
Relational Databases	Oracle 9i/10g/11g/12c, SQL-Server, MySQL server, MS SQL, PostgreSQL
NO SQL	MongoDB
Development Tools	Eclipse, My Eclipse, RAD, Spring Tool Suite (STS), IntelliJ, Any point Studio
Testing Tools/ CI Tools	JUnit, Putty, JIRA, Jenkins
Version Control	GIT, SVN
Platforms	Windows and UNIX
Cloud Technologies	Amazon Web Services (EC2, SQS, RDS, IAM, S3, Cloud Formation, Cloud Watch, IAM)

PROFESSIONAL EXPERIENCE:

Client: Fidelity Information Services India Private Limited, India

Duration: Dec 2021 - Aug 2022

Role: Sr. Java Developer

Roles & Responsibilities:

- Involved in all stages of **Software Development Life Cycle (SDLC)** of the project in **Agile** methodology.
- Participated Daily **Scrum** meeting, sprint grooming/review and demo with management and other teams.
- Experience with **Java 1.8** features like **stream, Lambda expressions and functional interfaces**.
- Maintained Interface compatibility and concurrency in the project using **Java 1.8** new features like default, static methods, and Concurrency API.
- Configured the Mule process flows to fetch the default loans from queue and makes the webservice calls to middle tier **MULE ESB** for processing.
- Used Message broker services like **Rabbit MQ** for asynchronous processing of messages in a micro service architecture.
- Integrated with third party Sale point API to make **Restful Webservice** call.
- Used **Java 8** Method References feature to point to methods by their names and used functional Interfaces.
- Implemented **Multithreading, Concurrency, Exception Handling, Generics and Collections** as necessary.
- Implemented Bean classes and configured in spring configuration file for **Dependency Injection**. Developed Controller Classes using **Spring MVC Spring Boot, Spring Batch** modules, handled security using **Spring Security**.
- Design and develop **microservice** business components using **java, Spring Boot, Spring Security, Spring Batch, Spring Data JPA** and implement **REST web services** based on **RESTful APIs**.
- Integrated **REST API** with Spring for consuming resources using **Spring Rest Templates** and developed **RESTful** web services interface to Java-based runtime engine and accounts.
- Implemented complete **Maven** build life cycle to achieve organized application structure and conflict free dependencies in **pom.xml** file.
- Implemented Spring Boot with **Microservices** to divide the application into various sub modules.
- Refactored **Microservices** to make it RESTful, thread-safe, and more configurable.
- Implemented data access layer i.e., DAO Classes using **Hibernate** as an **ORM** tool and configured xml files according to hibernate framework.
- Experienced in designing and development of **feature toggles** by using **Spring framework** to enable or disable certain features in production without deploying code and providing dark launch capability to app owners.
- Worked on building proxies and policies with in **APIGEE** along with security frameworks.
- Experienced in using the **Spring Data JPA** framework to interact with the database and do CRUD operations.
- Implemented Batch jobs to deal with large number of chunks using **Spring Batch Framework** to execute the similar jobs simultaneously.
- Develop **Docker** based **microservices** deployment modules with **Jenkins 2.0**
- Configured **AWS Cloud Watch** to monitor **AWS** resources as well as application and troubleshoot **AWS EC2** status check including System Status check and Instance Status check alerts.
- Created event driven jobs using **AWS** tolls like S3, **Dynamo DB**, SNS, SQS and **AWS Lambda** with **Java 8**.
- Created multiple **Kubernetes** Clusters in **AWS** and deploying a **Docker** Image on top of **Kubernetes** Cluster for testing purpose.
- Used Design Patterns like **Data Transfer Object (DTO), MVC, Singleton and Data Access Object**.

- Designed services to store and retrieve user data using **MongoDB** database and communicated with remote servers using **REST** enabled Web Services on Jersey framework.
- Developed and consumed **RESTful** web services to retrieve configuration **JSON** documents related to customer.
- Deployed applications into **Continuous Integration** environments like **Jenkins** to integrate and deploy code on **CI** environments for development testing and implemented test cases in **JUnit**.
- Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system.
- Developed **Git** controls to track and maintain the different version of the project.
- Deployed the war file of the enterprise application on **Tomcat** application server that handles various requests from Client and fixed deployment issues.
- Developed logging module using **Log4J** to create log files to debug and trace application.
- Responding to production issues, daily application maintenance, incident resolution and responsible for process improvement, application monitoring strategy, and overall application stability.

Environment: Java 8, Mule ESB, J2EE, Spring, Hibernate, MVC, Web Services, Microservices, HTML5, CSS4, AWS, Lambda, Spring Boot, MAVEN, Tomcat Server, JUnit, MongoDB, SOAP, REST Client, Jenkins, JIRA, Docker, Kubernetes, Apache Kafka, Git.

Client: Encora Innovation Labs India Private Ltd, India

Duration: Jan 2020 – Dec 2021

Position: Java Developer

Responsibilities:

- Requirement Analysis and documentation as per **SDLC** Methodologies using Agile Methodology.
- Participated in all development activities within Agile development methodology and Test-Driven Development (TDD) environment.
- Experience with Agile Development Methodology including Extreme Programming (XP) and Scrum Lifecycle Practices including **Pair Programming**, **Test Driven Development (TDD)**.
- Responsible for gathering the Requirements, Design, Analysis, Development, Data Validation and System Testing.
- Implemented Spring Boot with **Microservices** to divide the application into various applications.
- Generated **REST APIs** using **JAX-RS** implementation and created REST APIs like POST, GET, and PUT etc from scratch.
- Added support to login page to Inside View with Microsoft **OAuth** APIs.
- Implemented security standards for applications using Spring security powered by **OAuth** and worked on various solution to stop security issues like XSS, CSRF, CORS
- Designed web pages using JSP, AJAX, HTML5, CSS3, JavaScript, XML and node.js.
- Experience in making web pages at the client side dynamic by using **JQuery** to make the **HTML5** and **CSS3** code to interact with the JavaScript functions
- Experience in managing **Mongo DB** database environment from availability, performance, and scalability perspectives.
- Expertise working with **Kubernetes** to automate deployment, scaling and management of web Containerized applications.
- Implemented Spring Retry based on Hystrix circuit breaker fallback response. Implemented **Hystrix** circuit breaker pattern to handle timeout errors when the services are down.
- Designed and implemented the application using, **Spring IOC**, Spring Annotations, Spring Transactions, Spring MVC, Hibernate. Used Spring Framework for Dependency Injection
- Worked on Agile development methodology and built the application with Test Driven Development.
- Established efficient logging and Exception Handling using **SpringAOP**.
- Used **Spring IOC/Dependency Injection** extensively. Used **Spring AOP** and **Spring security** for configuring crosscutting concerns like logging, security.
- Created **REST APIs** from scratch consuming the data from the SOAP XML and published them in API.
- Responsible for migrating existing modules in **Rabbit MQ** to **Apache Kafka** and worked on creating Kafka adaptors for decoupling the application dependency.
- Implemented **Microservices** architecture using Spring Boot for smaller and independent application.
- Using **Jenkins** for **CI/CD**, using Ant, Maven for build, GIT for version control
- Used **RESTful** service to transfer data in **JSON/XML** format between front-end and server with **AJAX**.
- Used **Eclipse** as the IDE and used eclipse standard/plugin features for editing, debugging, compiling, formatting, build automation, test case template generation, and accessory code generation.

- Developing scripts for build, deployment, maintenance and related tasks using **Jenkins**, **Docker** and **Bash**.
- Hosted the application on **WebSphere** and used **Maven** as the build automation tool.
- Used **Log4j2** to capture the log that includes runtime exception and for logging info and are helpful in debugging the issues.
- Developed GIT controls to track and maintain the different version of the project.

Environment: Jdk1.7, MongoDB, Angular6, AJAX, jQuery, CI/CD, Angular, Microservices, Spring Framework, Spring Batch, Jenkins, Kubernetes, Apache Kafka, tomcat server, Ant, JPA, Hibernate, Maven, Restful web services, SOAP, Eclipse, JUnit, OAuth2.0, GIT, Log4J2, Agile methodology.

Client: ISG NovaSoft Technologies Ltd, India

Duration: May 2016 - Dec 2019

Role: Software Developer

Roles & Responsibilities:

- Involved in document analysis and provide technical feasibility analysis discussions for implementing new technology, application roadmaps and other technical considerations within the project.
- Implemented the Graphic User Interface by coding in **HTML5**, **CSS3**, **Bootstrap**, **JavaScript**, **jQuery**.
- Front end validations are written using **JavaScript**.
- Extensively involved in developing **Web interface** using **JSP**, **JSP Standard Tag Libraries (JSTL)** using Struts Framework.
- Used the spring open-source framework for building Servlet/ JSP based web application based on the **Model-View-Controller (MVC)** design paradigm.
- Involved in writing the client-side scripts using **JavaScript**.
- Extensively used several interfaces and features provided by **Spring MVC** framework for new web applications like Handler Mappings, Controllers, View **Resolvers**, Multipart file resolver, Handler Interceptor, Handler Exception Resolver, **Locale Resolver**, **Theme Resolver**, **Annotations** and **Validators**.
- Developed the persistence layer using **Hibernate Framework**, created the **POJO** objects and mapped using **Hibernate annotations** and **Transaction Management**.
- Designed Data model and Implemented Database Interactions using **SQL** and **JDBC**.
- Used **OAUTH authentication** framework to provide security to Restful web services by generating access tokens to access protected resources.
- Used **GitHub** for version control and Log4J for logging and
- Extensively used JUnit for unit testing, integration testing and production testing.
- Developed **class diagrams** and **Sequence diagrams** using **UML**.
- Defined the detailed **application** and **database design**.
- Writing database queries on **Oracle** and Involved in the **JDBC queries** as part of implementation.
- Used **WebSphere** Application server to deploy the applications.
- Performed Unit Testing using **JUnit**.

Environment: JDK, J2EE, Java, HTML5, CSS3, JSP, Hibernate Framework, JavaScript, AJAX, jQuery, MVC Architecture, JDBC.

Education:

Master's in advanced Analytics from University of North Texas.

Bachelor's in Computer Science and Engineering from Sastra University.