**SRAVYA NADELLA**

[**Sravya.ndev@gmail.com**](mailto:Sravya.ndev@gmail.com)

**(587)3557046**

**SUMMARY:**

5 years of strong experience in Software Development Methodology such as SDLC, Agile, Analysis, Design, Implementation and Testing of Object-Oriented applications and Web based Enterprise Applications using Java.

**PROFESSIONAL SUMMARY:**

* Extensive experience and actively involved in Requirements gathering, Analysis, Design, Coding  Unit and Integration Testing.
* Experience with development methodologies like Agile and Waterfall
* Experience in making and solid perception of Micro Services Architecture
* Expert in Developing web apps and standalone applications using Java 8, Spring Boot, JPA, Hibernate, HTML, CSS, JavaScript,  Angular 5, SQL, PL/SQL,  Design Patterns, Restful web services, Micro services architecture, Jenkins,  JUnit testing, Jira, Confluence.
* Strong knowledge in spring framework server-side component architecture for simplified development of distributed, transactional, secure and portable application based on Java Technology
* Expertise in various design patterns such as Singleton, Session, Session Factory, Session Façade, DAO, Observer, Business Delegate, Service Locator.
* Technical expertise in the SDLC with strong skills in Java Technologies (Java Spring Core, Spring MVC, Spring Transaction, Hibernate and JPA) and MySQL
* Hands on experience in the areas of web applications using  JDBC and web services using RESTful. Worked on Service Oriented Architecture (SOA).
* Experienced in developing event driven applications using HTML, CSS, Java Script, Angular 5.
* Experience with Test Driven development like JUNIT, Test NG and Experience in writing and executing unit test cases using JUnit Testing Framework.
* Good experience in developing test cases with Junit for Unit testing and logging using Log4J for extensible logging, debugging and error tracing.
* Hands-on experience working with Continuous Integration (CI) build-automation tools such as Maven, and Jenkins .
* Experience in ORM Library with Hibernate for mapping Object-Oriented domain model with relational database management systems.
* Extensive experience with data modeling along with Oracle, MS SQL Server, MySQL. Writing PL/SQL, trigger, and query optimization.
* Experience in using databases tools Oracle, SQL.
* Knowledge on Microsoft BizTalk Rule Engine, developing and publishing Rules, Facts, Vocabularies, Conditions and Actions
* Knowledge on Business Activity Monitoring in BizTalk 2006 or above, working with BAM Observational Model, Tracking Profile Editor, and Business Intelligence Components
* Strong knowledge in creating BizTalk solutions using BizTalk Design patters and practices
* Highly motivated self-starter with Excellent Communication, Presentation and Problem Solving Skills and committed to learning new technologies.

**EDUCATION:**

Bachelor in Electronics & Communications.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Languages** | C, C++, Java,  PL/SQL,C# |
| **Enterprise Java** | Java, Spring Boot, Spring, JDBC, Spring security,  JPA |
| **Build Automation tools** | Maven 3.0/2.0,Gradle 1.0, Ant, Jenkins |
| **Tools & Framework** | Spring Boot, Hibernate, Spring MVC, Spring , Log4J, JUnit, Angular |
| **Web services** | RESTful |
| **Database** | Oracle, SQL-Server, MySQL server |
| **Development Tools** | Eclipse, My Eclipse, Spring Tool Suite(STS), IntelliJ |
| **O-R mapping** | Hibernate, JPA |
| **Testing Tools/ Others** | JUnit, Jenkins |
| **Version Control** | SVN, GIT |

**PROFESSIONAL EXPERIENCE:**

**Client Tressl, Calgary, AB May 2019 – Aug 2020**

**Role: Java developer**

**Description:** Project focus on service lease management solution and builds a work flow to generate agreements for service lease. This system helps individuals, organizations and farmers to get their agreements done in a quick manner.

**Responsibilities:**

* Responsible for design and development of user interface using Flex Layout and Navigation, Data Grid

menus.

* Involved in the design and prepared use case diagrams, sequence diagrams, and class diagrams
* Implemented Micro services-based cloud architecture utilizing spring boot.
* Used Hibernate ORM framework for working with database, Utilized Hibernate for protest Relational

Mapping and utilized JPA for comments.

* Integrated the IOC container of Spring Framework, dependency injection and transaction management.
* Integrated Spring and Hibernate as ORM framework to perform the access to the database.
* Used SVN Control Source Repository to check in, check out and merge code.
* Use OOP features such as polymorphism to implement factory design pattern solutions to provide the

system the right objects for the product related methods.

* Using management and build tools such as Maven.
* Deployed and managed the ear files on Windows environment.
* Working closely with UI Developers to design and develop services required in the application frontend.
* Configured Persistence-Context in Spring JPA and Hibernate as a persistence provider to interact with

Oracle database.

* Created POJO's classes as Spring JPA entities in an Object Relational Mapping Architecture.
* Used lazy loading and Hibernate. Initialize to retrieve data only when it is needed thus avoiding

overloading the architecture.

* Developed Spring RESTful web services to deliver both XML and JSON content using Jackson Spring

implementation.

* Experience Managing and Administering BizTalk applications using Backup and Restore Procedures,

BizTalk Administration Console, Health and Activity tracking and other administrative tools

* Converted all microservices to implement the simple facade pattern for logging and plugged in the

logging framework at runtime to provide the flexibility of changing to any framework at any point of

time. Ex: log4j, log4J2 and logback..

* Implemented the log4j2 layout extensions to mask the private data in log files, like longitude, latitude.
* Implemented the micro services using Spring Boot and Spring Java config.

**Environment:** Micro service architecture, Core java, Java 1.8, Hibernate, Spring MVC, REST API, Spring boot, JPA, JUnit, SonarQube, Maven, Apache Tomcat, Git, Spring tool suite (STS), JIRA, Confluence.

**Client: EatStreet, Madison, WI Jan 2018 – April 2019**

**Role: Java Developer**

**Description:** The project aim is to track and control the Retail activities efficiently and accurately. The overall

functionality of the system would help business provide centralized access to the content and data within

the company. All these help towards better Control and improving the decision-making process.

**Responsibilities:**

* Designed and implemented customized exception handling to handle the exceptions in the application.
* Used Dependency Injection (DI) or Inversion of Control (IOC) In order to develop code for obtaining bean references in spring framework using annotations.
* Used both Java Objects and Hibernate framework to develop Business components to map the Java classes to the database.
* Involved in mapping of data representation from MVC model to Oracle Relational data model with a SQL-based schema using Hibernate, object/relational-mapping (ORM) solution.
* Analyzing and understanding the business requirements and coordinating the team for all the enhancements and project deliveries which includes Co-ordination with various teams to produce the data to be indexed.
* Utilize in-depth knowledge of functional and Technical experience in Java and various other leading-edge products and technology in accordance with industry and business skills to deliver solutions to customer.
* Used core java to design application modules, base classes and utility classes.
* Utilized log4j for logging purposes and debug the application.
* Created and implemented Oracle Queries, functions using SQL and PL/SQL.
* Involved in bug fixing during the System testing, Joint System testing and User acceptance testing.
* Used Spring IOC framework to integrate with Hibernate.
* Customized Rich Faces data grid Floating filtering, Sorting, Pagination, clearing all filters, Refine Views, column and header styles.
* Coded Java Beans (as the model) and implemented Model View Controller (MVC) Architecture.
* Developed Client applications to consume the Web services based on both SOAP and REST protocol.

**Environment:** Java, Spring Core, HTML, CSS,JDBC, Java script, Spring framework GIT, Eclipse, JUnit, Soap UI, Spring Hibernate, Restful web services, Oracle10g, Servlets.

**Client: Caterpillar, Peoria, IL Sep 2016 – Dec 2017**

**Role: Java Developer**

**Description**: Core Platform Services is another part of the Digital Services which internally has Logging and

Monitoring of all the applications data which run in organization. In this project we have implemented the

Logging and Monitoring solution for the applications using AWS services.

**Responsibilities:**

* Involved in the major discussions of the implementing the Logging patterns and monitoring solutions and testing the applications.
* Worked on the implementation of the Logstash log driver to get the logs to a centralized location so that the logs are patterned and stored.
* Implemented the centralized log format pattern suggested for the NodeJS applications
* Implemented the applications on the far-gate launch type and Aws Lambda to get the performance characteristics of each application.
* Developed microservices and created web API’s for the Entitlement portal where a customer gets the data of the Assets he owns.
* Used Kinesis data Streams as the Centralized location to the log data so that the logging application gets the data

from the data streams and processes them into centralized format.

* Implemented the process to send the Logging data to Elastic search using bulk loading and to S3 bucket using the bulk grouping and loading.
* Involved in creating the CI/CD pipelines for the Production environment in the Azure dev Ops environment.

**Environment:** Java 8, Spring Boot, Docker, AWS services such as Lambda, Ec2, X-ray, S3, CloudWatch, DynamoDB, kinesis Data Streams, Elastic Search, EMR, Junit, Mockito, Cucumber and JMeter.

**Client: CDK Global LLC, Portland, OR May 2015 – Aug 2016**

**Role: Java Developer**

**Description**: CDK global is a dealership assistance group where we provide identity access management

(IAM) for a single sign on. We deal with customer vehicle registration (CVT) and customer relationships

management (CRM)..

**Responsibilities:**

* Implementation of unit test cases using Spring Test and Junit, and used Mockito for mocking the results from FileNet P8.
* Automated web applications using Selenium IDE.
* Implementation on automated test scripts for UI using JUNIT and Selenium web driver.
* Configuration of JVM properties, DB connection, cache objects, certificates, queues and topics in WebSphere for development environments.
* Worked in Agile (Scrum) Methodology that includes daily scrum with team, sprint planning and estimating the tasks for the user stories.
* Design and development of SOA based web services (SOAP), Implementation of REST web services.
* Unit testing of REST services.

**Environment:** Java8, Spring Boot, REST Web Services, IBM MQ, Oracle 11g,PLSQL and Junit4,Mockito