**Name: Swathi Dhudhela**

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**Professional Summary**

* Having 7+ years of professional IT experience in analysis, design, implementation and testing of Object-Oriented Applications in Client/Server environments using Java/J2EE.
* Experience working with various Software Development Life Cycle like, Waterfall Model Iterative Model and methodologies based on Agile, Scrum, Iteration, and TDD.
* Experience in requirements analysis, design, developing, testing and deploying of software applications, Testing and Maintenance of Client/Server applications in a highly dynamic and challenging environment.
* Hands on experience implementing Applications using Java11 and Java 8 Lambdas, Functional Interfaces and integrated Stream API into the Collections API, to perform bulk operations on collections.
* Good knowledge in translating Specifications and Requirements into Software Design.
* Hands on experience in C++ in maintaining Object Oriented Concepts and Memory Management in avoiding unnecessary Pointers and Code Reusability.
* Hands of experience in back-end development using Collections, Spring, Spring Boot, Web Services etc.
* Developed server-side applications using Spring Boot (REST web services) Spring MVC, Spring DAO, Spring Data JPA, Spring Annotations, Spring AOP, Spring Actuator, Spring Transactions and Spring Security and other spring cloud services.
* Extensive development experience in multi-tiered/object-oriented/distributed/service-oriented system architectures like Servlets, JSP, Spring IOC, Spring MVC, Web Services development (SOAP and RESTful) and Hibernate.
* Experience in Micro services development using spring boot and deployment in Pivotal Cloud Foundry (PCF) using Jenkins and Concourse pipelines.
* Domain knowledge and business expertise experience in writing No SQL queries in couch DB database with Key objects generation.
* Good knowledge of using RDBMS systems Oracle and SQL.
* Experience in using and implementing design patterns such as Model-View-Control (MVC), Data Access Object (DAO), Singleton, Factory Pattern, Builder, Prototype pattern in the development of multi-tier architecture.
* Strong understanding of common API technologies, such as Spring Boot and Micro services.
* Proven experience in Integrated Development Environment (IDE) such as Eclipse, Spring Tool Suite and IntelliJ
* Hands on experience in using build tools like Maven and Gradle.
* Good knowledge in monitoring and visualizing Splunk dashboards and Maul Dashboards.
* Extensive experience in Software Configuration Management using Version Control Software such as GIT and SVN.
* Experience in configuring and deploying applications on Apache Tomcat.
* Used Agile methodology with regular 2-week Sprint cycles working on planned/groomed user stories. Daily Scrum, Sprint cycle Reviews, Retros and planning meetings in the presence of Product Owner, Scrum Master.
* Good programming and debugging skills in Shell Scripting.
* Good experience in using tools like Postman for testing the RESTful webservice and run automation scripts.
* Extensive experience in building and deploying EAR, WAR, JAR files on test, stage and production servers.
* Experience with unit testing using Junit and knowledge of ANT and Log4j tools.
* Have excellent problem solving, proactive thinking, analytical, programming skills, communication skills, work ethics and the ability to work well in a team or individual environment.
* Worked in Unix/Linux, Windows, iOS-based development environments.

**Education:**

Bachelors in Electronics & Communications Engineering - 2014 JNTU - GPA: 8.1/10

**Technical skills:**

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| **Languages** | Java, C++, C, HTML, SQL, NOSQL, XML |
| **J2EE Technologies** | JAVA /J2EE, Servlets, JDBC, JMS, Web Services, REST |
| **Frameworks** | Spring, Spring MVC, Spring Boot, Junit and QT |
| **Web/App Servers** | Apache Tomcat |
| **Web Services & XML** | SOAP, WSDL, REST, XML, XSL, XML Schemas, DOM |
| **Database and Tools** | SQL, Oracle, My SQL, Couch base, SQL Developer |
| **IDE/ Tools** | Eclipse, Spring Tool Suite, IntelliJ |
| **Version Control Tools** | Git, SVN |
| **Operating System** | Windows XP/Vista/7/8/10, iOS, Ubuntu, Toradex, Unix/Linux. |
| **Methodologies**  | Agile/SCRUM, JIRA, SDLC |

**Professional Experience:**

**Client: American Express Dec 2022 –Current**

**Role: Java Developer**

**Responsibilities:**

* Worked on creating new application backend in Java/Spring boot from scratch
* Integrating RESTful web services with Swagger specification for API documentation
* Worked extensively on Spring Boot for building web services, utilizing various Spring-Boot features
* Followed Agile/Scrum for CI/CD to successfully deliver project and deployment lifecycle as project was multi-year and multiple orgs were involved
* Use spring as the application framework, hibernate as the form framework, intellij idea for development, log4j for logging purposes, junit framework to test the fixes and tortoise svn for version control.
* Expertise on development tools like Spring-Tool-Suite, Eclipse, MySQL Workbench
* Implemented Spring MVC framework for the application development which includes writing Controller classes for handling requests, processing form submissions and performed validations.
* Experience writing test automation code with IntelliJ and/or Visual Studio Code
* Knowledge of standard build and deployment tools such as Eclipse, Intellij, SVN, GIT/Stash, Maven, Grunt
* Learnt Spring Boot, Cloud Technologies, and Micro Services Architecture quickly and delivered tasks with good quality
* Worked as back-end developer to design APIs.

**Environment:**Java, JDK11, Spring framework, Micro services, API, SQL, NoSQL, Jenkins, JIRA, IntelliJ, Eclipse3.0, SQL Server, Core Java, Exception Handling, RESTful Micro services, Linux, CI/CD.

**Client: Indian Railways Aug 2015 – August 2021**

**Company: Medha Servo Drives Pvt Ltd**

**Role: Java Developer**

**Responsibilities:**

* Developed various product applications using Spring Boot and JAVA.
* Utilized Agile Scrum Methodology Test-Driven Development to manage projects.
* Involved in Business Requirement analysis, Design Process, Data Modeling and Product development.
* Experience in building web applications using Spring Framework features like MVC (Model View Controller), IOC (Dependency Injection), DAO (Data Access Object) and template classes.
* Responsible for creating efficient design and developing API’s using spring, microservices and Spring Boot.
* Used Spring Boot framework for building cloud Microservices and to develop Spring based applications radically faster with very less configuration.
* Implemented Microservices architecture using Spring Boot to make the application smaller and independent.
* Developed multiple REST API’s and deployed them on Tomcat Application Server for various consumers.
* Utilizing Java 8 features like Lambda expressions and Stream API for bulk data operations on Collections would increase the performance of the Application.
* Extensively used core java concepts like Multithreading, Collections Framework, File I/O and Interfaces.
* Created reusable components and services to consume RESTAPIs using component-based architecture coding.
* Used SwaggerV3 to create API documentation. And created UML diagrams for API sequence flows.
* RDBMS experience includes SQL Server database programming and connectivity using JDBC, SQL, Stored Procedures, triggers, Queries etc.
* Experience in using application development tools like IntelliJ, Spring Tool Suite, Eclipse and QT IDE.
* Used version control and configuration management tools like GIT to manage the code repository.
* Good experience in tools like Maven for build automation and created maven script to create JARs, dependency JARS and deployed.
* Hands on experience in Jenkins Jobs for build automation to compile and generate EAR and WAR files.
* Used JSON parsing to implement REST Web Services.
* Experience in consuming and exposing various Web services using JSON to different systems for RESTful web services.
* Preparing test cases and strategies for unit testing and integration testing using JUnit and Mockito frame works.
* Tested REST services using Google chrome’s POSTMAN plug-in.
* Used Splunk and elf logging tools to monitor and analyze the root cause of the issues.
* Experienced in Agile Methodology, participated in Sprints and daily Scrums to deliver software tasks on time and with good quality.
* Used JIRA ticketing system to keep track of issues and tasks on individuals.
* Experience in taking care of Jenkins builds/deployments/Configurations in all level environments.
* Have good exposure in working with QA team for testing, troubleshooting issues and resolves defects.

**Environment**: Java, JDK11, Spring framework, Micro services, Maven, SQL, NoSQL, Jenkins, JIRA, IntelliJ, Eclipse3.0**,** SQLServer**,** Core Java, Exception Handling, RESTful Micro services, Linux, HTML5.

**Client: Wipro(Intern) Jan 2015 – July 2015**

**Role: Java Developer**

**Responsibilities:**

* Proficient in **HTML5**, **CSS3**, and **JavaScript**, the core technologies used for building interactive and responsive web applications.
* Took part in **Agile** E-Acquisition projects in developer role.
* Expertise in developing enterprise applications using **J2EEtechnologies**, including **Servlets**, **JSP**, **JSF**, **EJB**, and **JMS**, leveraging the power of the **J2EEframework** for scalable and robust solutions.
* Proficient in creating and managing **Oracledatabaseschemas**, **tables**, **indexes**, and **views**, ensuring efficient data storage, retrieval, and manipulation.
* Used **ApacheHTTPServer**, a widely used open-source web server, for hosting and serving websites and web applications.
* Experienced in setting up **CVSrepositories**, **creatingprojects**, and **managingversioncontrol** for multiple software components.
* Used **Eclipse** as IDE and **ANT** as build tool.
* Implemented **log4j** best practices to ensure secure handling of log messages.

**Environment:** HTML, CSS, JavaScript, jQuery, JDK1.5, Oracle DB, Apache HTTP, JSP, XML, J2EE, Struts 1.2, Tiles 2.0, Eclipse IDE, ANT, Log4j.