SUSHANTHPRASAD MERUGULA

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##### **SUMMARY**

* Having 15 years rich professional experience with technical and functional expertise in design, development, support & implementation, support of applications in Java/J2EE.
* Having more than 10 years of good experience in **Banking Domain.**
* Experience includes playing various roles as Technical Architect, Technical Lead, Module Lead and Developer with expertise in full project life cycle managing business requirements, designing and developing systems, system integration and testing, performance tuning, implementation and end-user training.
* Good experience in migrating legacy applications to SOA platform. Broke down large functionalities into Microservices and deployed these services horizontally across multiple nodes and clusters to provide highly scalable, available and maintainable platform.
* Expertise in Core Java Such as OOPs, Collections, Exceptions Handling, Annotations, Multi-Threading, Lambda and Generics.
* Extensive exposure to **JAVA, J2EE, Spring, Webservices, Angular, Python, Hibernate, Struts, GIT**.
* Good experience in integrating multiple components using web services. Hands on experience using the **SOAP, WSDL, JAX-RPC, JAX-WS** and XML Beans technologies.
* Proficient in implementing various J2EE design patterns like MVC, Service Locator, Session Façade, Data Access Object (DAO), Factory, Singleton, Data Transfer Object (DTO), Front Controller, View Helper and Business Delegate.
* Good Work Experience using **OAuth Framework for Authentication**.
* Expertise in using various platforms like **UBuild, Udeploy, Jenkins, Crucible, Rally, Jira, OpenShift, Qtest and HP Quality center**.
* Experience in using **Maven and Gradle** to build and package the application.
* Experience is Designing and implementation of RESTful Web services.
* Experience in database design using PL/SQL to write Stored Procedures, Functions, Triggers and strong experience in writing complex queries for Oracle 10g/11g/12c.
* Good experience in developing the web application using **Spring Core, Spring MVC and Spring Integration**.
* Proficient in developing **Microservices** using **Spring Boot, AWS, Docker, Streaming (Kafka), Kubernetes** and deployed them on the servers so our partners and internal clients can consume these services.
* Good experience with web technologies like **AJAX, AngularJS, JavaScript, HTML5 and XML**.
* Good experience in using multiple version control tools like **Git Hub, SVN, CVV and Perforce (P4V).**
* Good experience in open-source frameworks such as Struts, Spring, SOAP, RESTful, and implementing Web/Enterprise architectures.
* Good experience in using the **Object Relational Mapping, JPA, Hibernate**, strong in using **XML** mappings and Java Objects.
* Having good experience with querying on data present in **Cassandra** cluster using **CQL**.
* Experience working with Databases like DB2, Oracle and UDB.
* Good experience with loading balancing, session-management, security and spring security and error handling in J2EE and Web Application.
* Carried out end to end development projects in both **Agile** and **Waterfall** methodologies.
* Good experience in Cloud, data integration, SOA, Web Services (SOAP/REST) and Integrated Systems using layered architecture.
* Having good knowledge in Guidewire Policy center.
* Good experience using tools like **Eclipse, IntelliJ, RAD, Textpad, Toad, Soap UI, SQL Developer** etc.
* Good experience in using search tools like **Splunk, Elastic** etc.
* Experience in writing application by using Build tools such as Maven, Ant, Gradle and deploying them on servers and Jenkins for continuous integration development.
* Good experience in implementing Java EE Core Design Patterns, Object Oriented Analysis and Design/Development Methodologies (OOAD), Object Modeling with Use Cases, Sequence and Class Diagrams using UML with Microsoft Visio.
* Good experience in Continuous Integration (CI) like Jenkins.
* Having very strong inter-personal skills and ability to work independently and within the group, can learn quickly and easily adaptable to the working environment.
* Good exposure in interacting with clients and solving application environment issues and can communicate effectively with people at different levels including stakeholders, internal teams and the senior management.
* Excellent communication skills and commitment with proven ability to interact with clients
* Good attitude towards team relations. A very good team player with Excellent Leadership & motivation skills, group handling skills.

##### **EDUCATION**

* Master of Computer Applications (M.C.A) from Kakatiya University, India

##### **CERTIFICATION**

* Brainbenacj Java Certification
* Sun Certified java Developer
* Sun Certifie Java Web Component Developer.

##### **TECHNICAL SKILLS**

* **PROGRAMMING LANGUAGES**

Oracle Java, Oracle Java 2 Platform Enterprise Edition J2EE (JSP, Servlets), HTML5, JavaScript, XML, Maven, SQL, RESTful Web services, SOAP Webservices, Spring (Core, MVC, Integration), OAuth, Struts, Python, Node.js, ReactJS, XSLT, Junit, SOAP, RESTful, TestNG, Apache Camel, Mockit, Jacoco.

* **Design Languages**

Unified Modelling Language (UML 2.3) and Web Service Definition Language (WSDL 2.0).

* **SOFTWARES**

Rational Software Architect (RSA) Version 9, SOAP UI Version 5.0.1, Putty, Microsoft Visio, Oracle PL/SQL, MySQL, SQL Developer 3.0.0.1, Cassandra, WinSCP, Beyond Compare, Atlassian Wiki, Atlassian JIRA, Splunk Enterprise, JUnit, Urban Code Deploy, Eclipse, Sonar- Code Quality Analysis Tool

* **OPERATING SYSTEMS**

Windows 7/8/10, Linux, UNIX

**PROFESSIONAL EXPERIENCE:**

**USAA, San Antonio, Texas June 2022 - Present**

**Technical Architect**

**Responsibilities:**

* Involved in SDLC Requirements gathering, Analysis, Development and Testing of application developed using AGILE methodology.
* Actively participated in Object Oriented Analysis Design sessions of the Project using Spring Boot Framework.
* Transformation of existing monolithic applications to new SOA, and Microservices based applications to improve the scalability, availably and maintainability.
* Implemented the Java version migration for API.
* Implemented CI/CD pipeline by utilizing the tools such as GIT, Bitbucket, Docker, Kubernetes and Jenkins
* Developed and customized business objects using Spring IOC, MVC, AOP, Integration and Batch Modules.
* Designed and developed the REST based Microservices using the Spring Boot
* Implemented Spring boot microservices to process the messages into the Kafka cluster setup.
* Developing java modules implementing business rules and workflows using Spring Boot.
* Used Hibernate for object-relational mapping persistence, writing Hibernate DAOs and configuration files to access the database.
* Developed modular components using Java/J2EE, Spring Boot Framework, JPA and RESTful API
* Developed JAX-WS Web Services WSDL XML and SOAP for the application.
* Worked with Microservice architecture using Spring Boot to modularized code and implemented Rest API’s using Spring Rest
* Implemented logic to improve the Jacoco Test coverage.
* Implemented Rest calls to consume REST APIs using HTTP Client Modules and test the APIs using Postman.
* Designing and implementing server-side RESTful web services using Spring Boot.
* Implemented Continuous Integration of automation framework using tools like Jenkins.
* Involved in fixing pipeline secutity vulnerability issues for xray, twistlock and mutation.
* Using spring framework for integrating the MVC components with business services.
* Configuring Docker container for branching purposes and Implemented Docker automation solution for Continuous Integration / Continuous Delivery model for git pipelines.
* Configuring Splunk and Kibana Search queries and validating Daily job statuses, checking logging.
* Configured Swagger-UI, registered Microservice with Eureka server to monitor service from Spring Boot.
* Worked on Spring batch, Kafka Streams for Scheduler applications to consume file and perform Cadence,

preference and sends Alerts to Customers.

* Used Microservice architecture with Spring Boot based services interacting through a combination of REST

and Apache Kafka message brokers and worked with Kafka Cluster using Zookeeper.

**Environment**: Java11, Spring Boot, Spring webflux, Reactive Core, Twistlock, Conjur, Microservices, AWS, Gradle, JUnit, Postman, Helm, YAML, GIT, Guidewire Policy Center/Claim Center, QTest, Docker, Openshift, API Portal, Swagger, MVN and Guidewire.

**Bank of America, India. Dec 2019 – May 2022**

**TATA CONSULTANCY SERVICES,**

**Technical Lead**

**Responsibilities:**

* Designed and coded application components in an Agile environment utilizing a Test driven development approach.
* Implemented CI/CD pipeline by utilizing the tools such as GIT, Bitbucket, SVN, Crucible, Splunk and Jenkins,
* Worked with Java concepts like Collections Framework, Multithreading, and Memory management.
* Developed web application in Angular, Node JS, HTML5 and CSS3 code optimization, loading and cross browser compatibility.
* Developed REST services architecture with Spring Spring Integration, Apache Kafka message broker.
* User Java Script, CSS, HTML for Front end styling and displaying various snap shore reports results of
* Junit.
* Jenkins for Continuous integration using various pipelines Concepts.
* Used Java 1.8 Lambda expressions along with Streams for creating internal iteration and performing chain
* operations such as Filter, Map, Collect on a collection Objects
* Spring MVC Framework design pattern is used to have relationships between application components.
* Using Spring log4j to implement logging in the application for application status.
* Implemented REST based web services using JAX-RS annotations and consumed using HTTP services.
* Developed several REST API’s which produces JSON to perform tasks, leveraged applications.
* Worked closely with Oracle Database in backend interconnect with user interface using native complex SQL queries.
* Worked on Oracle DB database concepts such as locking, transactions, indexes, sharing, replication and schema design.
* Involved in requirements gathering, design, develop, test and documentation phases of the project.
* Designed and developed the application based on MVC design pattern using Spring MVC framework, Hibernate
* ORM framework.
* Understanding and developing Web interface using JSP, HTML, CSS, jQuery, AJAX and Java Script.
* Developed REST API by creating Restful webservices using REST Easy, EJB and Hibernate.
* Made the application capable of integrating with LDAP servers using Unbounded API.
* New library development with micro services architecture using Rest APIs, spring boot.
* Involved in devloping stored procedures and triggers.
* Developed logging framework of the application using Apache log4j.
* Used Gradle as build and dependency management tool for creating EAR, WAR and JAR file to be deployed in application servers and integrated with GitHub, Jenkins Jobs.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins.
* Executed test scripts and regression suite of JUnit using Mockito and analyzed the test results.
* Managed and Mentored team both Off-shore and Onshore of different skill set.
* Worked closely on gathering business requirements and designing the work for the team.

**Environment**: Java1.7, Struts 2.0, Spring Core, Spring Integration, Maven, JUnit, SOAP UI, XML, Web Services REST (Spring with Rest Web Services), Web Services REST (Struts 2.0 with Rest Web Services), WAS, Cassandra.

**Bank of America, India. Sep 2015 – Nov 2019**

**TATA CONSULTANCY SERVICES,**

**Technical Lead**

**Project Description:**

The objective of the project is to design and develop enhanced authentication and authorization components for the firm’s online and mobile banking. The scope includes development of services to enable security, OLB enrolment, password maintenance, encryption, user authentication, adaptive authentication, one time passcode, biometrics etc.

**Responsibilities:**

* Analyse the system and propose design strategy effectively on the components owned and estimation of the Development effort.
* Manage a module to analyze, propose design strategy & construct the approved design with proper unit & integration testing.
* Attend the daily handoff meeting happening between onshore & offshore to mitigate the risk on daily basis and to get the business updates.
* Participating in daily stand-up meetings to update the work progress.
* Reviewing the deliverables of few components where expertise to maintain the quality of deliverables.
* Participating in retrospective meetings happening at offshore and sending the report to onshore on iteration basis.
* Participating in Big Room Planning happening at onshore through video presence to discuss and freeze the development stories for the upcoming increment.
* Deployed applications and configured resources on Fusion Application Server and JBoss Application Server.
* Developed Unix shell scripts and Expect scripts to automate the installation of the system.
* Used Java Mail API to email the report of updates performed to administrations team.
* Developed initialization scripts to automate the startup of the applications after a reboot.
* Troubleshoot and support the issues.

**Environment**:

Java1.7, Struts 2.0, Spring Core, Spring MVC, Maven, JUnit, SOAP UI, XML, Web Services REST (Spring with Rest Web Services), Web Services REST (Struts 2.0 with Rest Web Services), WAS, Rest Easy, JAXB, XML, Shell Scripting, CSS, HTML, jQuery,JavaScript, Log4j, Maven, JIRA, SVN, Junit5, Perforce.

**Elemica , USA. Oct 2009 – Sep 2012**

**COGNIZANT TECHNOLOGY SERVICES,**

**Technical Lead**

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**Environment:** Java1.7, Struts 2.0, Maven, JUnit, SOAP UI, XML, Web Services REST (Spring with Rest Web Services), Web Services REST (Struts 2.0 with Rest Web Services), WAS

**RoboBank, Netherlands Aug 2007 – Oct 2009**

**COGNIZANT TECHNOLOGY SERVICES,**

**Technical Lead**

**Responsibilities:**

* Analyse the system and propose design strategy effectively on the components owned and estimation of the Development effort.
* Involved in analysis and designing the LLD/HLD.
* Review business requirement documents & functional specifications.
* Involved in business meetings for requirement gathering and understanding the system needs.
* Implemented User Interface Module as Struts web application.
* Writing Java classes which has business logic for the application.
* Implemented the presentation layer (user interface) using JSP, JavaScript, HTML, CSS and AJAX.
* Have done code reviews for other team members to achieve high code quality as required by client.
* Involved in writing of Web Services using SOAP, WSDL for getting request from external source systems and sending response to external source systems.
* Used Hibernate for interacting with Persistence Layer for CRUD operations.
* Used SQLDeveloper for performing operation on the Database
* Implemented various design patterns: Singleton, Data Access Object (DAO).
* Unit testing, bug fixing in multiple environments (DEV/STG/PROD) and reproduce bugs for fixing and code review of individual modules in the application.
* Involved in production and support of J2EE applications.
* Involved in creation and review of coding.
* Provide development estimates to project management team.
* Provide team members with instruction and information regarding business requirements, design approach and development strategies.
* Create Unit test plans & test cases and review execution schedule.
* Served as a primary point of contact for the offshore development team.
* Integration testing of certain modules before and after defect fixes and also for the production fixes.

**Environment:** Java1.7, J2EE, Struts 2.0, EJB, Eclipse, Java, Spring, Struts Web Services, WSDL, Java Beans, My SQL, SQL

Developer, Ant, Hibernate, Web logic Application Server, Log4j, PVCS