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**SR. JAVA/J2EE DEVELOPERFULL STACK DEVELOPER**

**SUMMARY**

**Objective:**Over 8+ years of experience in delivering enterprise solutions in domains like Finance, Telecom, Insurance, Health and other related domains. Expertise in conceptualizing, designing and coding technical solutions using Java/J2EE and UI technology stacks to satisfy peculiar and complex business problem statements.

* Experience working with SDLCmethodologies based on **Waterfall Model, Iterations and Agile methodologies like Test -Driven Development (TDD), Scrum.**
* Experience in implementing Java EE design patterns such as **MVC, Singleton, Factory, Adapter, Service Locator Session Facade, DAO, DTO, and Business Delegate** in the development of Applications.
* Expertise in design and development of various web and enterprise-level applications using Java/J2EE technologies Such as **Spring, Hibernate, EJB, JPA, JSF, Struts framework, Servlets 3.x.**
* Experience in Spring modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul.**
* Experienced in working with **Spring JDBC** and **JMS** Templates, **Spring EAI**, **Spring Rest Templates**.
* Good knowledge in **OAuth 2.0 Protocol, Http Basic AUTH, multiple file transfer protocols (SFX, SFTP, FIX).**
* Knowledge of **using Cloud Foundry** (CF) CLI for deploying applications and other **CF** management activities.
* Developed applications using latest technologies like **EJB3.2, Spring 3.x/4.x, Hibernate3.2/4.x, and REST based Web services (Axis2.0, JAX WS 2.0, JAX RS), Rule Engines (Drools4.1, ILOG), JBPM.**
* Experienced in Middleware persistence frameworks like **Hibernate/JPA** Entities for mapping Java classes using **Hibernate Query Language** (HQL), HSQL Named Queries, Criteria, Projections.
* Experienced in implementing Service oriented architecture and Web Services using **SOAP, RESTFUL**.
* Worked with **Micro services** patterns – **Circuit Breaker/Hystrix, DDD, Aggregator, Proxy Chaining**.
* Experienced in UI such as **JQuery, Ajax,JavaScript, NodeJS, Reactjs, BackboneJS, AngularJS,Custom Tags**.
* Experienced in validati4ons using **Ajax** in NodeJS, **Angular js**, dash boards reports using **BackboneJS**.
* Extensively used different Tag Libraries like **JSF Tags, Struts Tags, JSTL, Spring Tags, Display Tag**.
* Expertise in **XML** technologies such as **DTD/Schemas, DOM, SAX, XSLT, XPATH, Castor.**
* Experienced in implementing **custom validations, entity validations, I18N features.**
* Experienced in developing complex **PL/SQL** queries, Functions, Triggers,Stored Procedures, Packages and Views in various databases such as Oracle, DB2 and My SQL.
* Experience in working with **NoSQL** databases like **HBase**, **MongoDB, Cassandra**.
* Proficient in using Amazon Web Services **AWS**. Extensive experience focusing on services like **EC2, VPC, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, ElastiCache, SNS, ECS, RDS** and **SQS**.
* Experience with **Docker,** leveraging Linux Containers and AMI's to create**Docker Images/ containers**.
* Speeding up Existing Applications with a Cache services using **Redis Cache, Gemfire**.
* Made use **GO Language** for memory management and build in Concurrency.
* Experience with **CI/CD-ANT, MAVEN, GRADLE, JENKINS, HUDSON, CVS, GIT, GITHUB.**
* Experience in JUnit frame work with**Mockito** and Easy mock, **Spring Junit Runner**.
* Experience with messaging systems like **JMS**, **Kafka** and **JMS MQ's** like **Rabbit MQ**, **IBM MQ**, **Active MQ**
* Expertise in Selenium automation using **SeleniumWebDriver**, **Selenium Grid**, **Junit.**
* Experience in configuring and deploying the applications into **Tomcat,Nginx,WebSphere, WebLogic** and **Jboss.**
* Experienced in Development, testing and deployment of enterprise applications on Windows platforms using IDE's such as **Eclipse, Rational Application Developer (RAD), NetBeans, Intellij.**

**TECHNICAL SKILL**

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| --- | --- |
| Java/J2EE Technologies | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking. |
| Programming Languages | Java JDK 1.4/1.5/1.6/1.7/1.8, C++, C, SQL, PL/SQL. |
| Application/Web Servers: | Oracle 8.1/9.1/10.3/11g/12c, IBMWebSphere 5.1/6.0/6.1/7.0, Jboss, Tomcat 5.0.28/6.0/7.0/8.5/9, Bug tracking, Jenkins. |
| Frameworks | Struts 2.x/1.x, Spring 3.x/ 2.x, Hibernate 3.x, JSF 1.2/2.0, iBatis, Flex. |
| UI Frameworks | jQuery, AngularJS, Bootstrap. |
| IDEs | Eclipse 3.x, IBM WSAD, IntelliJ, WebStorm. |
| Web technologies | HTML/HTML5, CSS/CSS3, XHTML, JavaScript, Ajax, jQuery, AngularJS, JSON |
| Design Tools | Adobe Photoshop, Adobe After Effect. |
| Web Services | JAX-WS, JAX-RPC, JAX-RS, SOAP, REST, SOAP UI. |
| XML Tools | JAXB, Apache Axis. |
| Methodologies | Agile, Scrum, RUP, TDD, OOAD, SDLC. |
| Modeling Tools | UML, Rational Rose, Visio. |
| Testing technologies/tools | JUnit, JMeter, HTML Unit, selenium. |
| Databases | Oracle 8i/9i/10g/11G, DB2, SQL Server 2000/2005/2008, MySQL. |
| Version Control | CVS, SVN, Git, GITHUB, GITLAB. |
| Build Tools | ANT, Maven. |
| Messaging Tools | JMS, Rabbit MQ, Apache Kafka. |
| Platforms | Windows 2000/98/95/NT4.0, UNIX, Windows 7. |

**PROFESSIONAL EXPERIENCE:**

**Client:ACT–Iowa City, IA**

**Duration:June 2017 – Till Date**

**Role:Sr. Java/J2EE Developer& Full Stack developer**

**Project Description**: The ACT originally an abbreviation of American College Testing college readiness assessment is a standardized test for high school achievement and college admission in the United States. ACT assessment measures high school students’ general educational development and their capability to complete college-level work with the multiple-choice tests covering four skill areas: English, mathematics, reading and science. The optional Writing Test measures skill in planning and writing a short essay. Specifically, ACT states that its scores provide an indicator of “college readiness, “and that scores in each of the subtests correspond to skills in entry-level college courses in English, algebra, social science, humanities, and biology.

**Responsibilities:**

* Followed **Agile Software Development** Methodology to build the application iteratively and incrementally. Participated in scrum related activities and daily scrum meetings.
* Designed dynamic and browser compatible pages using **HTML5, CSS3 Preprocessor’s(SASS/LESS), JavaScript, Bootstrap, Ajax, Angular2 and NodeJS.**
* Used **TypeScript** to discover API’S and **Self-explanatory code contracts**.
* Implemented **Angular2** services to connect the back-end APIs to **POST/GET** the data used in the application.
* Created **Angular2** components, implemented Interpolation, Input variables, Bootstrapping, NgFor, NgIf, Router Outlet, binding the events, decorators.
* Used **Angular2** directives, controllers, view and routing, service modules along with developing UI components.
* Used **NodeJS**for building web applications with client-server architecture for two-way data exchange.
* Used **jQuery**to create drop downs, status, progress and menu bar and other drag and drop components and made use of **jQuery UI Effects** for color animations and toggle effects.
* Implemented **Restful Services** in **Spring Boot Framework** for consuming and producing **JSON Data** from End points**.**
* Implemented **SOA** to develop **Spring Restful/Micro Services and implemented Spring Eureka, Netflix, Ribbon as part of Services Discovery** usin**g Apache Axis**.
* Secured the API's by implementing **Oauth2 token**-based**authentication** using **Spring Security.**
* Used **Eclipse** based **Spring Tool Suite(STS)** for development **Spring Boot** applications.
* Used **Micro Services** with**Spring Boot**services and combination of **REST, Apache Kafka** message brokers.
* Experience in writing **RESTFUL**microservices with **Spring Boot**.
* Worked on creation of custom **Docker container images, tagging, pushing images, integration of Spring boot**.
* Provided integration between the on-premises IT environment and the AWS storage infrastructure with the help

of storage gateways and Integrated data spread across multiple **AWS services** and analyze it from a single location by make use of **AWS Data Pipeline**.

* Created customized AMIs based on already existing **AWS EC2** instances by using create image functionality and created **S3 buckets** for storing object level data into it.
* Build Apache Kafka Multinode Cluster and used Kafka Manager to monitor multiple Clusters.
* Used **joins stored procedures, views, Unions in Oracle data base to fetch the data.**
* Developed Business rules validations using **Rule Engines-Jboss Drools** 4.x, **Work flows, Human tasks.**
* Written customized configuration **spring bean** class to deploy the **JBPM**processes in **JBOSS**.
* Designed and developed interface to integrate the drools and coexist the drools and **iLog**.
* Developed **Hibernate** with Spring Integration as the data abstraction to interact with the Oracle 11g database, implemented **transactions, proxies, locking, HQL, Criteria, Projections** and **Stored Proc calls**.
* Tuned **Hibernate** layer for **SCRUD operations**, association, inheritance and database for performance and written stored procedure and other SQL, PL-SQL routines.
* Used **Docker**for creating **Docker images** for **launching containers** on **AWS EC2.**
* Implement **Kafka** messaging consumer, through **Camel**.
* Used **Apache Camel** for generating routes for consultant microservice where consultants can login.
* Monitored and managed the application when it’s pushed to production by using **Spring Actuator**.
* Used **SOAP UI,Postman, Rest Client**, **Spring Mock MVC, Spring4Junit** for testing the **web services.**
* Implemented producer/consumer for Rest based web service using **JAX-RS,Jersey implementation** and **Http client**.
* Used **Maven** as build and dependency management tool for creating **EAR, WAR** and **JAR** file to be deployed in application servers and integrated with **GITHUB, Jenkins, and Jenkins Jobs.**
* Used **GIT repository** to push the code and interact with other developers throughout the company.
* Used **Junit**and **Selenium for** extensive functional, automation and unit testing code.
* Performed deployment of applications on **IBM WebSphere** Application Server.
* Actively used the defect tracking tool **JIRA** to create and track the defects during QA phase.

**Technology Stack: Java1.8, Web Services, Micro Services, Spring 4.x, Spring Boot, Hibernate 4.x, HTML5, JavaScript, JQuery, AJAX, CSS3, Angular2, SOAP UI, XML, WSDL, J2EE,Kafka, Agile Methodology, JIRA,GIT, Junit, WebSphere MQ, Maven, Eclipse IDE, SpringTool Suite and Oracle 11g, Selenium, AWS, Docker, Jenkins.**

**Client: GE Healthcare -Barrington, IL**

**Duration:Feb2016 - May 2017**

**Role:Sr. Java/J2EE Developer & Web Designer**

**Description:**GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. GE Healthcare board expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help its customers to deliver better care to more people around the world at a lower cost.

**Responsibilities:**

* Involved in Daily **SCRUM** meetings and weekly **SPRINT** Meetings.
* Developed static pages using **HTML5, CSS3, JSP** with Ajax calls in **jQuery** to retrieve data as JSON Object from back-end **RESTful Server**, then display the well-organized result in web pages by writing **AngularJS controller**, directives, services, and route providers.
* Created single page application with loading multiple views using route services and adding more user experiences to make it more dynamic by using **AngularJS**framework.
* Implemented Synchronization with the help of **Angular Data binding** concept and displayed data with the help of

binding controllers in the UI and worked with **AngularJS Filters, Services and Directives**.

* Created **NodeJS EXPRESS Server** combined with Socket.io to build MVC framework from **AngularJS** to**Oracle DB**.
* Involved to implement various screens for the front end using **Reactjs** and used various predefined components from **NPM** and **redux library** and deployed application to **NGINX**.
* Worked on responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using **Reactjs.**
* Created XHTML file for **JSF** based front end. Used **Rich faces, prime faces**for front end for creation and user interfaces.
* Implemented various features of **spring** framework such as **Dependency Injection**, **IOC**, **Annotations** and **Spring integration** with **Hibernate**.
* Implemented application architecture of the System is based on **Spring MVC** and **J2EE** specifications.
* Developed high traffic application using 2.0.x and Spring MVC 4.x & Boot 1.2.x and deploy them for high scalability.
* Involved and developed all phases of security implementation using spring security system against modes of authentications: **LDAP authentication, Database authentication and Pre-Authentication.**
* **Involved in writing Thread safe blocks for Multithreading access to make valid transactions.**
* Developed the persistence layer using **Hibernate Framework** by configuring the various mappings in hibernate.
* Designed **MongoDB** Schema and Worked with to store non-relational data into collection.
* Involved in writing SQL and Stored Procedures for handling complex queries with help of **TOAD** and access them through Java Programs from **Oracle Database**.
* Developed **REST API's** using **Spring MVC** and **Spring boot**, hosted all micro services on **Pivotal Cloud Foundry(PCF)**.
* Developed REST web services using Spring, Hibernate, **JAX-RS** and **JAXB**.
* Using **Cloud Foundry** did **smoke tests**, which are functional unit and integration tests on all major system components.
* Designed and developed **Micro Services** to divide application into business components using **Spring Boot**.
* Worked on setting up **Maven scripts** to build, package, and deploy application code to the target Apache Tomcat Servers and worked on continuous integration servers like Jenkins.
* Worked on developing Restful endpoints to Cache application specific data in in-memory data clusters like Redis and exposed them with Restful endpoints by using **Redis Cache**.
* Used **Spring Tool Suite(STS)** as an IDE for Application Development.
* Experience with creating script for data modeling and data import and export. Extensive experience in deploying, managing and developing **MongoDB clusters**.
* Worked on performance testing of service using**JMeter** (Web: HTTP, HTTPS; Webservices: XML, Rest; Protocols).
* Developed Grunt tasks to run the unit tests on **Jenkins**.
* Used **Swagger,** to implementing the Restful API and Swagger gives the rich UI to test API.
* Used **GIT** as version management, Jira for defect management system.
* Used **JUnit**for unit testing of the application and **log4j** for logging.

**Technology Stack: JDK 1.7, Core Java/J2EE, Spring, springCloud Foundry,WebSphere Application Server 7.0, RestfulWeb Services, JAX-RS, JENKINS, JAXB, JPA, Apache Axis, Oracle10g, Java Script, AJAX, JSP, HTML, Redis Cache, NGINX, AngularJS,JMeter,Reactjs, Swagger, Log4j,Rational Clear case, AJAX, STS, Bootstrap, STS, PCF, Groovy, Spring Boot, Maven, Micro Services.**

**Client:T-Mobile - Bellevue, WA**

**Duration:Jan 2014 - Dec 2015**

**Role:Sr Java UI Developer**

**Description:** The One Point Universal System (OPUS) is a Cingular Wireless system that enables store customer service employees to effectively activate phones, assist customers with their mobile phone accounts, and perform Point-of-Sale (POS) activities. The application is primarily used in Cingular Wireless retail stores. Within the application, you can perform the following functions: Customer Service, Activations, Point of Sale, Inventory functions, Administration, Link to other applications and Web sites.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using **Rational Rose.**
* The application is designed using **J2EE design patterns** and technologies based on **MVC** architecture.
* Implemented **Agile Methodology** for development of the application.
* Used **J2EE design** patterns like Value Object Pattern, S**ession façade, Singleton, Factory** and **DAO**.
* **Spring with Tiles Framework** is implemented for a common look in all the presentation views.
* Integrated struts MVC with **spring DI and Spring hibernate DAO.**
* **EJB** Session Beans were used to process requests from the user interface and CMP entity beans were used to interact with the persistence layer.
* Designed applications that execute on various browsers such as Internet Explorer, Mozilla Firefox, Google Chrome, and Opera using various debugging tools like **Firebugs/IE Developer Tools**.
* Utilized OOP in JavaScript and DOM structure to implement various functionalities.
* Involved in implementing the changes in user interfaces using **HTML5, CSS3, JavaScript, AngularJS, NodeJS, AJAX.**
* Extensively used the JavaScript and **jQuery** plug-in to fetch and display the data on web pages.0
* Implemented security for different **front-end views** based on the **access privileges.**
* Developed **EJB MDB’s** and message Queue’s using **JMS** technology.
* Involved in writing **XML** validation classes using Struts validation framework.
* Used **XML Web Services** using **SOAP** to register agents using non-java application.
* Developed services that are reusable and interoperable, using **SOAP, WSDL, JAXWS, JAXRPCWeb services**.
* Used **JMS** for the asynchronous exchange of data and events among J2EE components. **Publisher-Subscriber** method was used for data loading and **Point-To-Point** method of **JMS** was used for event processing.
* Involved in requirements gathering and Capacity planning for Multi-Datacenter (four) and **Cassandra** Cluster Used for **Oracle DB**Database related activities.
* Monitored Cassandra cluster for resource utilization and systems backup and recovery using **Cassandra.**
* Used **RAD IDE** based on **Eclipse** for writing code for **JSP, Action Classes, Struts** and **spring beans**.
* Involved in writing **DAO, DTO’s** using Hibernate DAO Support.
* Continuous integration services are provided for software development using **JENKINS**.
* Developed **JUnit test cases** for DAO and Service Layer methods.
* Used **SVN** for version control of the application And Used **Log4J** to capture the log that includes runtime exceptions.
* Developed the **ANT** scripts for preparing **WAR** files used to deploy J2EE components.
* Interacted with quality assurance team for requirements gathering and analysis.

**Technology Stack: Core Java, J2EE, JSP, Struts, Spring,** OOAD, **Oracle, Cassandra, HTML,** EJB3, AJAX, Cassandra, JMS,XML, Design Patterns,JENKINS,**ANT, Rationale Rose, IBM RAD IDE, Angular js,WebLogic Application Server, Hibernate, LOG4J, SVN, TOAD,** JUNIT, UML.

**Client:First Federal Bank - Defiance, OH**

**Duration:May 2012- Dec 2013**

**Role:Java/J2EE Developer**

**Project Description:**One of the 20 largest independent bank holding companies in USA is First Federal Bank Corporation, with more than 750 branches, free account access at more than 1800 Federal Bank places. It maintains variety of products including lines of credit, demand noted, term notes, letters of credit. It also deals with Collateral information such as vehicles, mortgages and trust accounts.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Implemented Spring and J2EE based **MVC (Model-View-Controller)** framework for the application.
* Used **Hibernate Framework** for object relational mapping and persistence.
* Configured Hibernate session factory to integrate with spring and generation of database schema.
* Responsibilities as a XSLT web developer include design and develop the websites with the java and XSLT and Worked with Tag Libraries in Struts framework.
* Involved in development using struts components - **Struts-config.xml, tiles,** form-beans and plug-ins in Struts.
* Used multiple Action Controllers to control the page flow, Interceptors for client validations.
* Created Spring Interceptors to validate web service requests and to enable notifications.
* Developed **REST API** using Spring MVC and **REST Controllers** and generated JSON/XML formats.
* Used OOPS design and core Java concepts such as Collections, Multithreading, Exception Handling.
* Developed unit test cases using JUnit and used Log4J for logging and debugging.
* Used **MySQL** as backend database and involved in development of Stored Procedures.
* Used **SVN** as a version control to track and maintain the different version of the project.
* Created Maven scripts to build and deploy the application.
* Experience in defect resolutions and configuration management change processes to support applications in PROD and integration testing environments.

**Technology Stack: JDK, J2EE, Spring, Hibernate, REST Web Services, HTML5, CSS3, JavaScript, Bootstrap, AJAX,**

**JSON, Apache Tomcat, Apache Maven, JUnit, Log4j, JIRA, Jenkins, MySQL, SVN, Windows.**

**Client:Medecision - Wayne, PA**

**Duration:Dec 2010 - March 2012**

**Role: Java/J2EE Developer**

**Project Description:**Medecision is leader in HealthCare Management, having server-side web application for their different health care providers. Customer will choose different health care benefits out of the plan options available. The services will enable them to manage health insurance products, features, benefits and benefit values and attributes. Client interacts through web interface with web services written at back end to fetch data from database and select their plan benefits.

**Responsibilities:**

* Involved in designing and implementing the application using various Java and J2EE Design patterns design patterns such as Singleton, Business Delegate, Façade, MVC and Data Access Object (DAO).
* Developed UI using Spring view component, **JSP, HTML, CSS, JavaScript**.
* Utilized Spring MVC annotations and XML configuration for Dependency Injection.
* Implemented Persistence layer using Hibernate to interact with the **MySQL database**.
* Involved in writing all formats of database quires like **SQL, HQL in DAO layer**.
* Configured Hibernate second level cache using **EH-Cache** to reduce the number of hits to the table data.
* Developed REST web services using Spring, Hibernate.
* Used JMS Template to publish messages to queues and **Message Driven Bean (MDB)** to subscribe from the JMS.
* Extensively used Java **Multi-Threading** concept for downloading files.
* Co-ordinate with the QA lead for development of test plan, test cases, test code and actual testing responsible for defects allocation and those defects are resolved.
* Was part of production support team to resolve the production issues.
* Used Jenkins as a continuous integration tool for application building, testing and deploying.
* Used **InteliJ IDE** for developing code modules in the development environment.
* Used **CVS** version control to track and maintain the different version of the project.

**Technology Stack: Java, J2EE, Spring Framework, Spring MVC, Hibernate, REST Web Services, JSP, HTML,**

**CSS, JavaScript, SQL, HQL, XML, JMS, UML, Apache Tiles, Log4J, Apache Maven, Apache Tomcat, MySQL, JUnit, Log4j,**

**Jenkins, InteliJ, CVS.**

**Client:Vision Labs – Hyderabad, India**

**Duration: March 2009 - Oct 2010**

**Role: Junior J2EE Developer**

**Project Description:**It is a web-based solution that provides companies with a timely and cost-effective means of providing excellent customer service, sales assistance, and support which consists of four modules: Client Console, CSR Console, Supervisor Console and Administrator Console.

**Responsibilities:**

* Involved in understanding and analyzing the requirements of the project.
* Assisted in designing and programming for the system, which includes development of Process Flow Diagram, Entity Relationship Diagram, Data Flow Diagram and Database Design.
* Involved in Transactions, login and Reporting modules.
* Used JSF to Develop the User Interface of the Application Client.
* Developed the front-end UI using **JSP, HTML**, JavaScript, CSS.
* Involved in developing **Java APIs**, which communicates with the Java Beans.
* Implemented MVC architecture using Java Struts, Custom and JSTL tag libraries.
* Created POJO classes and writing **Hibernate Query Language(HQL**) queries.
* Implemented **MVC architecture** and DAO design patternfor maximum abstraction of the application.
* Created Stored Procedures using **SQL/PL-SQL** for data modification.
* Used XML, XSL for Data presentation, Report generation and customer feedback documents.
* Used Java Beans to automate the generation of Dynamic Reports and for customer transactions.
* Developed Junit test cases for regression testing and integrated with **ANT build**.
* Involved in code review and documentation review of technical artifact.

**Technology Stack: J2EE/Java, JSP, Servlets, JSF, Struts, Hibernate, JavaBeans, XML, XSL, HTML, DHTML, JavaScript, CVS, JDBC, Log4J, Oracle8i, IBM Web Sphere Application Server, Windows.**