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**PROFESSIONAL SUMMARY**

* Combined 10 years of professional experience as a Java UI developer in a web-based/enterprise context, with expertise in distributed n-tier architecture, requirements analysis, design, development, testing, documentation, implementation, and maintenance.
* Skilled in developing applications for the web, business-to-business (B2B) products, distributed systems, and client-server architecture in the healthcare, manufacturing, and financial sectors.
* Seasoned expert in implementing event-driven architectures using Kafka, with 8 years of experience in real-time data processing and integration.
* Experienced in developing modern, responsive, and scalable web applications using the Angular framework, leveraging its features such as modular architecture, TypeScript, and reactive programming.
* Proficient in designing and implementing microservices-based architectures, enabling the development of decoupled, independently deployable, and highly scalable applications.
* Skilled in utilizing various design patterns and architectural principles, such as Domain-Driven Design (DDD), CQRS (Command Query Responsibility Segregation), and event-driven architectures, to build maintainable and extensible microservices.
* Familiar with containerization technologies like Docker and orchestration platforms like Kubernetes, enabling efficient deployment, scaling, and management of microservices in cloud environments.
* Proficient in JAVA ENTERPRISE EDITION technologies such as JSP, Servlets, Struts 2, JDBC, JNDI, JMS, JavaScript, and Web Services; adept at designing and developing web and enterprise applications.
* NoSQL databases, such as MongoDB, Cassandra, or Redis, for 6 years, ensuring optimal data storage and retrieval in distributed systems.
* Proficient in developing applications utilizing a variety of frameworks, including Struts, Spring, Hibernate, and Java Server Faces (JSF).
* Experienced in leveraging Azure cloud services for 7 years, including deployment, monitoring, and scaling applications in the cloud environment.
* Proficient in the use of Restful web services and Simple Object Access Protocol (SOAP).
* Familiarity with MySQL, Oracle, DB2, and MS SQL Server used as back-end databases. Made heavy use of database tools such as SQL Developer and TOAD. Solid understanding of SQL, PL/SQL, and Oracle for database programming using stored procedures, triggers, and functions.
* Proficient in using Apache Tomcat, IBM WebSphere, JBOSS, and BEA WebLogic, among other web and application servers.
* I have extensive experience developing applications utilizing Struts and the Model-View-Controller (MVC) pattern, as well as other design patterns in Java, including Front Controller, Data Objects, Business Objects, and Data Transfer Objects.
* Proficient in both Object-oriented Programming (OOP) and the Software Development Life Cycle (SDLC). Experience with Waterfall, Agile techniques.
* Feasible proficiency with integrated development environment (IDE) tools including NetBeans, MyEclipse, and Eclipse (Indigo, Juno, Europa, Helios, Neon2).
* Functional, backend, regression, system, acceptance, and integration testing are all areas in which I have extensive expertise. Was a part in creating both system and unit test cases.
* Highly driven individual who works well in a team and has strong communication and interpersonal abilities
* Excellent ability to analyze and solve problems. Being open to new experiences and capable of picking up new technology is essential.
* Coded using the Hibernate Framework in the Eclipse IDE, making use of the basic Java APIs such as Collections, Multi-Threading, and Exception Handling.
* A desire to learn new technologies and experience educating junior developers in Java/J2EE.
* Possess extensive expertise with JUnit for creating test cases.
* Demonstrates outstanding communication and interpersonal skills; works well both individually and as part of a team.
* Included AWS Elastic Load Balancing, EC2, VPC, and S3 in efforts to enhance processes and build security.

**EDUCATION:**

* Bachelor’s in computer science from LPU, Punjab - INDIA 2013

**TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | Java, JavaScript, SQL, XML, C++ |
| **Framework** | Spring (MVC,Boot,JPA),Hibernate(ORM) |
| **Web/App Servers**: | WebSphere, Tomcat 5.x/4.x, JBoss |
| **IDE Tools**: | Eclipse, IntelliJ, Visual Studio |
| **Web Services**: | SOAP, REST, Microservices |
| **Data Bases**: | Oracle, DB2, SQL server, MongoDB |
| **Operating Systems**: | Windows 9x/NT/2000/XP, UNIX (Sun Solaris), Linux |

**PROFESSIONAL EXPERIENCE**

**Jet Blue Airways, Long Island,NY Jan 2022 – Present**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Contributed to the project's success by creating, testing, debugging, deploying, and managing a Java EE distributed application.
* Added new POJOs to the system for the adapter services.
* Created persistence classes that map to databases and created numerous POJOs (java objects).
* Develop and maintain scalable Java backend applications.
* Design and implement RESTful APIs for system integration.
* Utilize Azure services for cloud-based development and deployment.
* Conceived and implemented RESTful web services for client-side micro services data retrieval.
* Set up topics and queues on the server running the web logic application; used Java Messaging Service (JMS) for messaging.
* Made use of Spring Boot as a framework to take requests from users and transmit them to the server.
* Implemented a messaging mechanism between micro services and APIs using Apache Kafka in a cluster.
* Created unit test cases using J-Unit and participated in comprehensive application testing.
* Utilized Git to manage the build version while setting up Jenkins for continuous integration.
* Used Jenkins for Continuous Integration and Deployment while developing the application.
* Collaborated with MongoDB and used SQL Developer to validate database data.
* Contributed to the project's test case design and participated in unit-test preparation using J-Unit.
* Used open-source Map Structure to play a vital role in developing data mapping for a bean mapping project.
* Contributed to the development of Spring MVC-based Restful web services.
* Made use of Spring Boot to create microservices.
* Constructed a simple web app that connects to a database and allows users to get and change data using Spring Boot.
* Authored a TestNG-based test automation framework for REST APIs that query services.
* Made JSON Avro files in accordance with the request payloads.
* Logged using Log4j and using Splunk to search application logs.

**Environment:** JDK 1.8, Spring boot, Apache Kafka, Postman, JavaScript, Web Services, MongoDB, Jenkins, POJO's, JAX-WS, Subversion, STS (Spring Tool Suite) 3.9.

**Ford Motor Company, MI Sep 2019 – Dec 2021**

**Role: Java Developer**

**Responsibilities:**

* Participated in the Software Development Life Cycle (SDLC) stages of analysis, specification, design, implementation, and testing; used Agile approach for application development.
* Worked on technical documentation based on needs analysis and engagement with business.
* Contributed to the Struts framework by setting up web.xml and struts-config.xml.
* Took use of Hibernate for backend database integration.
* Architect and implement microservices-based architecture.
* Assisted with database query optimization to speed up page loads.
* Using several Hibernate methods like as strategies, inheritance, annotations, and criterion interfaces, I implemented a DAO layer.
* Maintained object relationship management (ORM) mapping files, used Hibernate's caching method for data loading from the database, and built a transaction control layer.
* Used the Struts Framework to build an application system that follows the Model-View-Controller (MVC) design pattern and represents its web tier.
* I worked on the struts tiles to dynamically build the JSP page and to develop reusable JSPs so that all the web pages would have the same view.
* Used Subversion, a version control tool, to manage changes to frequently used developer source code. I controlled branches using SVN.
* The project is maintained using tortoise SVN.
* Utilized HTML and JSP to create screens for the front end.
* Using the Angular JS MVC Framework and HTML to work with external user interfaces.
* Contributed to updates to the Maven build script used for deployment and build.
* Designed With Maven, you can set up continuous integration servers like Jenkins and build scripts on a regular basis.
* Use the Maven build tool to configure and set up auto-deployment.
* Deployed the application to the server after compiling it using Maven and creating WAR files.
* Built the project, packaged the ear file, and deployed it to web/app servers using Maven.
* Constructed compatibility testing using Selenium WebDriver.
* Developed SQL scripts for data access, including operations on selecting, inserting, and deleting records, and creating joins across databases.
* Contributed to the development, maintenance, and support of the SQL Server database. Retrieved the database using SQL queries.

**Environment:** Java, Spring boot, J2EE, JDK 1.8, JRE, JSP, Agile Methodology, Apache Maven, Eclipse Neon2, Squirrel SQL, RED HAT JBOSS, MVC framework, ORM framework, Junit, Jenkins, Web Service, HTML, Hibernate, Subversion SVN.

**Huntington Bank, Columbus, OH Mar 2017 – Aug 2019**

**Role: Java Developer**

**Responsibilities:**

* Contributed to the application's analysis and design stages across the SDLC.
* Building user interface modules with CSS, JavaScript, HTML, and JSP.
* Constructed object-oriented JavaScript to display client- and server-side validation transparently.
* Using the Spring MVC design pattern, I created and built an application.
* Created validation rules and used Spring validation.
* Contributed to the development of APIs for retrieving bean references in the Spring framework using annotation-based Inversion of Control (IOC) and Dependency Injection (DI).
* Maintained an emphasis on spring components like view resolvers, model and view objects, controllers, and dispatcher servlets.
* Taking technology to the next level in the battle against bad guys via architecture and implementation of a banking compliance microservices system for an anti-money-laundering application.
* Using the Domain Driven Design methodology, this project is supposed to transform the old monolithic compliance application into a spring boot-based micro services architecture.
* Architect, designer, and project manager for a wide range of government compliance initiatives.
* Examining the existing monolith and re-architecting the services into domain-based composite edge services comprised of several microservices used in JAX-WS web service development.
* Contributed to the development of DAO by using Spring-Hibernate ORM.
* In order to construct applications, some use the Commander Module.
* a responsive web app using Angular2 and Bootstrap, interacting with APIs.
* JBOSS and WebSphere Application Server configuration includes setting up JDBC providers, connection pools, thread pools, data sources, and virtual hosts.
* The Hibernate POJO Objects were created and mapped using Hibernate Annotations.
* Utilized Hibernate, an object-relational-mapping (ORM) solution, to convert the data model from a model using model-view-controller (MVC) to one using an Oracle relational database and a SQL-based schema.
* Developing PL/SQL code for use with Oracle DBMS, including service methods and SQL queries.
* Contributed to setting up JNDI attributes.
* Configured WebSphere Connection Pools as required after creating them.
* The build file for compiling the code to create WAR files was generated using ANT, the build tool.
* Debugged, tested, and maintained the system state using LOG4J and JUnit.

**Environment:** JDK 1.5, Spring MVC 2.5, JSP, JSTL, JavaScript, EJB 3.0, Struts 1.2, Web Service, JPA/Hibernate 3.0, POJO's, CSS, log4j, JAX-WS, JBoss 4.0.3, Oracle 9i, Subversion, ANT, AJAX, Eclipse 3.2.

**First Bank, Saint Louis, MO Sep 2015 – Feb 2017**

**Role: Java Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Developed the applications using Java, JSP, JDBC, Webservices, spring, HTML5, and JavaScript etc.
* Developed application using Spring MVC, JSP, JSTL and AJAX on the presentation layer, the business layer is built using spring and the persistent layer.
* Implemented business layer using spring core and configured spring dependency injection, enabling all business components loosely coupled between layers.
* Developed web components using MVC pattern under Spring framework.
* Developed Web Services using XML messages that use SOAP. Developed Web Services for Payment Transaction and Payment Release.
* Involved in designing and developing the front end of the application using JSP, Java script, AJAX, HTML5, DHTML, CSS3.
* Implemented and tested the enterprise application with jQuery and Spring MVC.
* Implemented a Microservices using a Microservices architecture with Spring Boot based services.
* Created and Implemented Micro Services using spring boot, REST, JSON.
* Used Java Mailing or Messaging Service (JMS) API's for mailing detailed notifications depending upon the success and failure once the backend process is complete and also for mailing administrator of any system related problems.
* Used Modules and Controller in the JS files as part of the constructors.
* Involved in Unit testing of application using JUnit and built the package using Maven and deployed the application on to WebLogic App Server.
* Possesses an operational mindset to build a platform that is easy to run and scale to the broad breadth of NY state website and other state fair.
* Followed Agile/SCRUM software development methodologies.
* Extensively used Oracle SQL Developer graphical tool for the enhancement and simplification of Database Development task.
* Performed a thorough unit testing and resolved several data related issues before migration to production.

**Environment:** JDK 1.5, Spring MVC 2.5, JSP, JSTL, JavaScript, EJB 3.0, Struts 1.2, Web Service, JPA/Hibernate 3.0, POJO's, CSS, log4j, JAX-WS, JBoss 4.0.3, Oracle 9i, Subversion, ANT, AJAX, Eclipse 3.2.

**TCS/USAA, Chennai, INDIA July 2013 – Jan 2015**

**Role: Java Developer**

**Responsibilities:**

* Involved in all the phases of SDLC including Requirements Collection, Design & Analysis of the Customer Specifications and Development of the Application.
* Co-ordinated with the offshore team in various phases of application.
* Prepared the JUnit test cases, Integration scenarios to test the implementation.
* Used Reflection API to invoke the service class dynamically
* Used Spring IOC to get the dependencies and look up business objects.
* Developed authentication and access control services for the application using spring security and Spring LDAP.
* Worked on designing MQSeries based queues and MQ Workflow for enterprise messaging using JMS API.
* Used JMS to place the Import run requests into JMS Queue.
* Implemented design patterns like Data Access Objects and Value Objects/Data Transfer Objects (DTO) to transfer data between different tiers of the application to decrease the network traffic when invoking remote objects.
* Used Clear case tool to maintain the version control.
* Involved in implementation of compute grid job processing.
* Developed several web services using AXIS 2.0 engine, SOAP UI, JAX-RPC, WSDL, Document literal.
* Generated the WSDL files to implement the Web Service.
* Used JAX-B for marshaling/un-marshaling of XML documents to java objects and vice versa.
* Developed the application using RAD7.0 and deployed it on IBM WebSphere 6.0 Server.
* Resolved production issues while deploying the application and provided the production support while the application is in UAT.

**Environment:** Core Java, J2EE, JSP 1.2, Selenium, TestNG, WebSphere Application Server 7, Rational Application Developer 7.0, Web services, Hibernate, Windows 7, Spring 3.x, XML, HTML.