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**Professional Summary:**

* 10+ years of strong IT experience in all phases of software development life cycle (SDLC) of project & product that includes system analysis, design, development, integration, testing, deployment, troubleshooting and maintenance.
* Over 6 years of IT experience in analysis, design, development, testing and deployment of web-based and Enterprise based Client-Server business applications using Java/J2EE technologies.
* Expertise in Core Java concepts like Multithreading, Exception Handling and collections.
* Developed and deployed Microservice oriented applications using Spring Boot and Spring Cloud and used Spring Boot to modularize code and implemented Rest API’s using Spring Rest.
* Experienced in implementing Object Oriented Analysis, Development and deployment of distributed, scalable applications using Java/J2EE technologies.
* Hands-on experience in developing web-based enterprise applications using J2EE technologies such as Servlets, JSP, EJB, JMS and JDBC.
* Worked on Java 8 version in deploying the application using Struts framework, used the struts tag library in viewing the JSP pages and Servlets as web implementation controllers.
* Worked with various web-based applications using Model View Controller architecture, and experience in MVC frameworks like Spring and Struts.
* Project level experience in Java based ORM frameworks involving Hibernate, JPA, Spring Data.
* Full Stack Modern Progressive Web Apps - ReactJS, Redux, Graph QL.
* Independently integrate multiple APIs and new features using React + Graph QL stack.
* Built security functionality for various projects using Spring Security.
* Developing SOA (Service Oriented Architectures) and Microservice architectures using J2EE web services based on Restful (JAX-RS), SOAP(JAX\_WS).
* Experience in developing frontend UI using HTML5, XHTML, DHTML, CSS3, JavaScript, ES5, ES6, TypeScript, jQuery, Bootstrap, JS.
* Expert in utilizing Kafka for messaging and publishing subscribe messaging systems.
* Experienced with Docker and Kubernetes on multiple cloud providers, from helping developers build and containerize their application (CI/CD) to deploying either on public or private cloud.
* Installed and configured OpenShift platform in managing Docker containers and Kubernetes Clusters.
* Extensively used Typescript ES6 features block scope, modules (import and exports) arrow functions, classes, type restrictions, decorators, interfaces.
* Developed Single Page Applications i.e., web applications using JavaScript MVC frameworks Such as AngularJS from starch, developed web pages for different devices using Responsive Web Design, Bootstrap and used Angular 7.0 for better application performance.
* Strong knowledge in designing and developing various Angular 7.0/8.0 Components Template, Data Binding (Services(observable/promises), Directive and Pipes for dynamic web applications.
* Experience in working with rendering view React JS components, forms, events, routers and Redux asynchronous functions and implementation of React - Flux pattern for core dependency.
* Developed continuous integration and continuous deployment using Jenkins, Travis and AWS Code Pipeline with any cloud repository.
* Expertise in Server-side JavaScript structures like Node JS, Hapi JS and Express JS.
* Hands-on experience in unit testing tools of JavaScript framework like Karma, Jasmine and for Angular, Mocha and Chai for React JS.
* Worked on SQL and PL/SQL to query various Relational Database Management Systems including Oracle, MY SQL, MS SQL, DB2 and PostgreSQL.
* Hands-on working experience with NoSQL databases Mongo DB, Apache Cassandra, DynamoDB, Couch DB, Graph DB.
* Experience on working with build tools like Maven, Gradle and ANT.
* Extensively used integration tools like Spring Integration, Apache CXF, Apache Kafka and Apache Camel to integrate the enterprise application technologies with existing JVM environments.
* Hands-on working experience dealing with distributed version control tools such as GIT, GitHub, SVN and cloud platforms like Amazon Web Services (AWS), Amazon EC2, Heroku.
* Developed and deployed Service Oriented Architecture (SOA) using RESTful web services.
* Implemented unit testing using Junit and TestNG.
* Project level experience in deploying applications on Tomcat web server, IBM Web Sphere, Web Logic Application servers.
* In-depth knowledge of integration of RESTful Web Services, HTTP services and Web services with web applications.
* Hands-on experience with industry-standard IDEs in Eclipse, Net Beans, MS Visual Studio.
* Strong experience in Big Data client to server data flow and processing mechanism.
* Able to coordinate with different business and technical stakeholders.
* Hands-on experience in installing, configuring and architecting Hadoop and Hortonworks clusters and services - HDFS, MapReduce, Yarn, Pig, Hive, Oozie, Flume, HBase, Spark, Sqoop, Flume and Oozie.
* Responsible for writing MapReduce programs.
* Experienced in loading data to Hive partitions and created buckets in Hive and developed MapReduce jobs to automate transfer the data from HBase.
* Experienced in developing Java UDFs for Hive and Pig.
* Set up clusters in Amazon EC2 and S3 including the automation of setting & extending the clusters in AWS.
* Practiced Agile Scrum methodology, contributed to TDD, CI-CD and all aspects of SDLC.
* Experience in developing small scale python-based lambda applications.
* Gathered and defined functional and UI requirements for software applications. Used Spark Data Frames API over Cloudera platform to perform analytics on Hive data.
* Experienced in integrating Hadoop with Kafka, experienced in uploading Click stream data from to HDFS.

**Technical Skills**:

|  |  |
| --- | --- |
| **Programming Languages** | Java, Python C, C++, PL/SQL |
| **JavaScript Frameworks** | Angular JS, Angular 4/6, jQuery, Node.js, Backbone.js, React.js, Express.js, Ember.js, Handlebars.JS |
| **Java/J2EE Technologies** | Servlets, Spring, EJB, JPA, JTA, JDBC, JSP, JSTL. |
| **Frameworks** | Struts 2.0/1.0, Hibernate 4.x/3.x, Spring 3.0, Spring Batch, Spring Security, Spring AOP, Spring Core, JSF, I Batis, Spring IOC, Spring Cloud. |
| **Web Technologies** | HTML5, CSS/CSS3, AJAX, jQuery, Bootstrap, XML, Grunt, Gulp, JSON. |
| **Web Services** | XSD, WSDL, Apache Axis, SOAP, Restful, Graph QL, JAX RS, JAX WS |
| **Messaging** | JMS (Java Message Service), IBM MQ, Apache Active MQ, Apache Kafka |
| **Web Servers** | Oracle WebLogic 10.x/9.x, IBM WebSphere 8.x/6.x, Apache Tomcat 8.0/7.x/6.x |
| **Application Servers** | Apache Tomcat, WebLogic, IBM WebSphere, JBoss |
| **Methodologies** | Agile, Waterfall, TTD, SCRUM |
| **Cloud Technologies & DevOps Tools** | AWS, Microsoft Azure EC2, EBS, S3, Docker, ECS, EBS, EKS, SQS**,** RDS, S3, Glacier, Lambda, Kubernetes. |
| **Project Management Tools** | JIRA, Rally, Microsoft Project |
| **Testing Tools** | JUnit, Mockito, Jasmine, Karma, Mocha, Chai, Selenium |
| **Version Control** | SVN, CVS, GIT, Bitbucket |
| **Build Tools** | Maven, Gradle, ANT, Jenkins, SQL Loader, Toad, OZIEE, Hue, SOAP UI, RSA |
| **IDEs** | Eclipse, Visual Studio, IntelliJ, Spring Tool Suite, WinSCP, |
| **Operating Systems** | Windows, Linux and UNIX |
| **Software** | Visual Studio, Rational Rose and Microsoft Office |
| **Bigdata/Hadoop Technologies** | Hadoop Ecosystem, Map Reduce, Spark, HBase 1.2, Hive2.3, Pig Sqoop 1.4, Kafka, Oozie, Hadoop 3.0 |
| **Data Bases** | Microsoft SQL Server 2010/2012, MySQL 4.x/5.x, Oracle 11g, 12c, DB2, Teradata |

**Professional Experience:**

**Client: JPMC**

**Location: Columbus, Ohio**

**Duration: Dec 2022 – Present**

**Role: Sr. Full Stack Java Developer**

**Responsibilities:**

* Involved in the analysis, design, and development and testing phases of Software Development Lifecycle (SDLC) using agile development methodology.
* Implementing JSP and Ajax to design the user interface.
* Used JavaScript, HTML, and CSS for manipulating, validating, customizing, error messages to the User Interface.
* Designed and Implemented SPA (single page application) using Angular 6 Module, Component, Template, Metadata, Data Binding, Directives and Dependency Injection.
* Created Typescript reusable components and services to consume REST API's using component-based architecture provided by Angular 6 and optimized the performance using Lazy Loading and ahead of time compilation.
* Analyzes design and determines coding, programming and integration activities based on general objectives and overall architecture of product or solution using java11.
* Implemented AWS code pipeline and created cloud formation JSON templates in Terraform for infrastructure as code.
* Implemented state management using Redux patterns for data UI using store and communicating to backend services using effects and reducers.
* To allow fully encapsulate custom elements, created custom elements, HTML imports and Shadow Dom using Angular 6 and implemented Angular Router to enable navigation from one view to the next as user performs application task.
* Developed REST microservices using Spring Boot, Spring Security, Spring AOP and OAUTH 2.0.
* Worked with JAVA 8 features like lambda expressions, Stream API, Collections, Functional Interfaces and Optional to build robust microservices.
* Secured the REST services using Spring Security and employed authentication and authorization techniques using OAUTH2.0 and integrating with PingFederate. Developed REST Template to obtain JWT tokens using client credentials mechanism and communicating the secured web services.
* Experience object-oriented programming (OOP)Concepts using python, and PHP.
* Developed microservices using Spring REACTIVE API and designed REST calls using Mono and Web flux to provide optimized data models to business UI.
* Developed multi-threaded applications using Spring Executor Framework and used Thread Pools and Completable Futures to provide async REST operations, used fork Join and Spring Reactive APIs on latest REST microservices.
* Implemented an express-Graph QL library to mount a Graph QL API server on the user-configured HTTP endpoint.
* Implemented a recursive algorithm to parse large Graph QL introspection queries into a dotfile format in order to visualize the one-to-many relations between schemas in a SVG format.
* Implemented Spring cloud Circuit Breaker Pattern for fault-tolerance microservices and implemented Eureka Service Registry for dynamic service discovery and proxy calls.
* Implemented Zulu API gateway and enabled proxy routes for REST API calls. Configured Spring cloud ribbon for client-side load balancing.
* Experience in creating Docker images and pushing images to Docker hub. Maintained docker image configurations using Docker file and providing environment specific configurations using yam formats.
* Maintained the existing code based developed in Spring and Hibernate framework by incorporating new features and fixing bugs.
* Implemented security-based web concepts OAUTH 2.0 and OpenID Connect using ISAM 9.x.
* Implemented Credential management API’s to store and retrieve user credentials securely and conventiely.
* Created an XML configuration file for Hibernate for Database connectivity.
* Developed custom controllers for handling the requests using the spring MVC controllers.
* Excellent in deploying the applications in AWS as EC2 instances and created snapshots for the data that had to be stored in AWS S3.
* Designed, Configured and deployed Amazon Web Services (AWS) for a multitude of applications utilizing the Amazon cloud formation.
* Incorporated JUnit into the code to do the unit testing around the developed module.
* Used JDBC connection and access database procedures.
* Developed multiple MapReduce jobs in Java to clean datasets.
* Developed code to write canonical model JSON records from numerous input sources to Kafka.

**Environment: Java8,11, J2EE, JavaScript, HTML, Microservices, JSP, Ajax, JPA, MySQL, JDBC, eclipse, Tomcat server, SOAP, GitHub, Angular 6, REST API's, Spring Boot, Spring Security, Spring AOP and OAUTH 2.0., Graph QL, JAVA 8, lambda expressions, Stream API, Collections, Functional Interfaces, Optional, Spring REACTIVE API, Thread Pools, Completable Futures, Zulu API, Docker file, XML, Gem fire, Hibernate, AWS, JDBC.**

**Client: Restoration Hardware**

**Location: Dallas, Texas**

**Duration: Jan 2022 – Nov 2022**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Utilized Futures and Spring Framework to make Asynchronous calls to the application.
* Developed dynamic web pages using HTML, CSS, Bootstrap, jQuery and AJAX for building up a Monolithic application.
* Created responsive UI modules using Backbone JS with hard coded dependency of Underscore JS in combination with Handlebar JS for templating.
* Used jQuery in developing the Rich Internet Applications (RIA) with AJAX mechanism and JSON as a data exchange tool.
* Responsible for using Spring MVC to develop REST web services within the application.
* Developed application on Spring framework by utilizing its features like Spring Dependency injection, Spring Beans, Spring Security, Spring AOP, Spring IOC, Spring Web flow using MVC.
* Implemented Chase single sign on to applications used by chase for seamless navigation across applications.
* Used Spring Gem Fire Cache Transactions with Spring Declarative Transaction Management and their annotations.
* Developed web application using MongoDB, Express, React / Redux, Node JS and GraphQL.
* Developed microservices using Spring REACTIVE API and designed REST calls using Mono and Web flux to provide optimized data models to business UI.
* Implemented the Spring IOC for the core business application logic and used Hibernate as persistence framework and having a hand on Gem fire
* Developed POJO objects and used Hibernate as the Object-Relational Mapping (ORM) tool to access the persistent data from SQL Server.
* Involved in design and development of GraphQL and services to interact with data storage layer.
* Implemented OAUTH 2 (Rest service authentication in our application in order o communicate securely with other protected resources by exchanging access tokens for authentication instead of using user name and password.
* Responsible for designing core-shared services used by all development teams, most notably the access controls and security credential management systems.
* Implemented Hibernate EhCache technique for faster performance of the application.
* Used Hibernate ORM framework used to interact with database through Hibernate query language (HQL).
* Created GraphQL schema and queries to interact with Mongo DB database.
* Used Hibernate for connecting the database and mapping the entities by using hibernate annotations.
* Implemented persistence layer with I BATIS ORM.
* Developed components using core Java concepts like Collections, Serialization and Java Threads
* Used Spring MVC Interceptors, Spring core modules and native Spring AOP facets of Logging and transactional management.
* Implemented Spring Batch for processing large volumes of records, including logging/tracing, transaction management, job processing statistics, job restart, skip, and resource management in the application using Quartz scheduler.
* Hand on Gem fire to make it easier to build a high scalable application Spring Security designed for authorization and authentication and manages the CORS and CRSF security issues.
* Used Log4J to capture the log that includes runtime exceptions.

**Environment: Spring Framework, Java, Hibernate, HTML, CSS, JavaScript, Bootstrap, jQuery, AJAX, JSON, REST web services, Mongo DB, Graph QL Spring Dependency injection, Spring Beans, Spring Security, Spring AOP, Spring MVC, Spring IOC, Spring Gem fire, Spring, Junit, Hibernate, HQL, core Java, Collections, Serialization, Java Threads, Log4J, MySQL**

**Client: American Freight**

**Location: Delaware, OH**

**Duration: Jan 2020 – Dec 2021**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Worked on a data services platform by analysing business requirements, technical designing, implementation, and documentation using Agile Methodologies.
* Involved in the design and development phases of Scrum Agile Software Development.
* Built backend microservices for a major US-based retail supply chain network, leading a team of 3 members, and delivered the project successfully in 8 months which was greatly appreciated by the client.
* Implemented the REST APIs using Java, Spring Boot, Spring MVC, Hibernate and built an application data/logs storage system using Apache Cassandra NoSQL database.
* Developed REST API’s Using Spring Boot, Swagger, Tomcat, and JPA.
* Extensively Used Core Java collections, Exceptional Handling, Design Patterns for functionality, also worked on functional programming concepts.
* Experience in automating day-to-day activities by using Windows PowerShell.
* Developed and designed web pages with HTML, CSS, AJAX, AngularJS and jQuery.
* Developed Controllers for request handling using spring framework.
* Deployed components on JBOSS on Web sphere application server.
* Hibernate templates were used to access databases, use the DAO in developing application code, developed stored procedures.
* Setup and implement continuous integration and continuous delivery process stack using GITHUB/GIT.
* Experienced in Using WebSphere Dashboard Framework builders.
* Used Gradle to Build the project and deploy applications on server.
* Used Maven for building and added lot of external dependencies.
* Extensively used Java Collection framework and Exception handling.
* Involved in development of service layer and DAO layer using Spring framework and hibernate.
* Integrated Swagger API to auto generate documentation for all REST resources.
* Involved in the design and development phases of Scrum Agile Software Development.
* Implemented the web layer using Spring MVC, JavaScript and jQuery.
* Responsible for creating the detailed design and technical documents based on the business requirements.
* Developed Rest API’s and J2EE Web Services based on SOAP, JAX-RS using Tools like Swagger, and postman for service exposing and consuming.
* Configured and automated the Jenkins Build jobs for Continuous Integration and Continuous Deployment (CI/CD).
* Worked on warehouse management application and the main role of that project is to receive, process, and track order status and invoice status from each manufacturer.
* Extensive experience in developing scalable, reliable, and efficient enterprise applications using Java, Spring, Hibernate, Web services, JSF, JDBC, JSP, Servlets.
* Implemented a Continuous Integration/Continuous Delivery (CI/CD) framework using Jenkins.
* Proficient in implementation of frameworks like Spring, JSF, AJAX frameworks and ORM frameworks like Hibernate.

**Environment**: **Java 8, Spring4, Core Java, Spring MVC, J2EE, JBOSS, Spring Boot, Tomcat, Spring Security, Spring Cloud, Hibernate, SOAP, WSDL, PowerShell, Microservices, Gradle, RESTful, Jersey, IBM DB2, JMS, GITHUB, Apache Cassandra, WebSphere, Unix, Docker, Log4j, Maven, JIRA, GIT.**

**Client: Edge Verve**

**Location: Bangalore, India**

**Duration: July 2016 – Nov 2019**

**Role: Java Full Stack Developer**

**Responsibilities**:

* Converted legacy applications from mainframe to Java Enterprise applications using Java, Spring Boot, Hibernate and MySQL.
* Designed and Implemented Restful web services using Spring and Java.
* Developed web application using Spring MVC framework.
* Designed and developed the applications using Core Java, J2EE, Struts. And followed coding guidelines to ensure code quality.
* Worked on user interfaces using HTML CSS, JavaScript and Angular JS.
* Experience in agile software development practices such as Scrum, test driven development, continuous integration/continuous development.
* Experience in building Microservice applications using Spring Boot for developing RESTFUL Web services.
* Automate the process of compiling the code in TFS using PowerShell.
* Involved in the design of portlets for WebSphere Portal.
* Experience in developing and deploying Java/J2EE applications on IBM Web Services, JBOSS, Glassfish and Apache Tomcat.
* Used Maven and Gradle for build framework and for continuous build system.
* Performed analysis of business requirements, coordinated, and collaborated with other team members to design, build, and manage software applications.
* Provided quick and effective resolutions during production support.
* Worked on IDE’s and editors like Eclipse, IntelliJ Idea, Sublime Text, Atom and Microsoft Visual Studio.
* Experienced in using Jenkins as a continuous integration server to configure with GitHub and Maven.
* Created architecture towards Microservices approach using RESTful Web-Services by using Spring Boot.
* Used Log4J for logging and debugging.
* Experience in writing test cases in Junit.
* GIT is used for the version Control; Maven is used for building Script and configuring log4J. Files.
* Strong debugging and troubleshooting skills.
* Extensively tested REST services using Postman tool before deployment.
* Involved in setting up guidelines for Automation and worked with the testers in creating and managing scripts.
* Automated the testing/deployment workflow of a major UK brand's Supply Chain network to perform system integration testing using Selenium, Sikuli, and Java, which reduced the execution time required to test the application by 50%.

**Environment**: **Java 8, Spring4, SOAP, Core Java, Swagger, J2EE, Tomcat, JBOSS, Web Services, Spring MVC, Spring Boot, Hibernate, Selenium, PowerShell, WebSphere, Microservices, Gradle, IBM DB2, Apache Cassandra, Unix, Docker, Log4j, Maven, JIRA, GIT, GITHUB, UFT, QTP, Sikuli, Jenkins.**

**Client: My Class board**

**Location: Hyderabad, India**

**Duration: May 2013 – June 2016**

**Role: Software Engineer**

**Responsibilities**:

* Responsible for providing user-interface to make content types, access remote data, creating tools for Training Centre using HTML and JSP.
* Developed the application framework following the MVC architecture using Struts.
* Implemented Struts2 to write Action classes for handling requests and processing form submissions.
* Used Struts Validator for server side and client-side validations.
* Implemented the validations using Struts MVC Framework.
* Developed Struts MVC compliant components for the web tier.
* Developed user interface using JSP, JSP Tag libraries and Struts Tag Libraries to simplify the complexities of the application.
* Struts with Tiles is the MVC framework which used for the application.
* Used XML, XSL and XSLT for developing a dynamic and flexible system for handling data.
* Used SOAP (Simple Object Access Protocol) for web service by exchanging XML data between the applications.
* Used TOAD as database tool for running SQL queries.
* Designed and developed the business logic layer and data access layer using different kinds of Data Access Objects (DAO's).
* Involved in creating User Requirement Document (URD) and Software requirement specification (SRS) for the application.
* Involved in creating, debugging and deploying Building Block extensions in Training Centre.

**Environment**: **HTML, JSP, Struts, Struts Validator, XML, SOAP, SQL, DAO's, URD, SRS, Eclipse.**