**Java Full Stack Developer**

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**PROFESSIONAL SUMMARY:**

* 6+ years of professional experience as a **Java/J2EE** Full Stack Developer in **Object Oriented** development, implementation and maintenance of web and distributed Enterprise applications using **Java/J2EE** technologies.
* Experience in all phases of **Software Development Life Cycle** (SDLC), which includes Integration, Implementation, Interaction, Business Analysis/Modeling, Documentation, and Testing of all software applications.
* Proficient in design and rapid development of web and **J2EE** applications using Core Java, **JSP, JSF, CSS, EJB, JavaScript, Spring, Servlets, JDBC, JNDI, JMS, SWING, HTML5,** **HTML/DHTML, XML, XSL, XSLT, Multithreading, Collections, JVM** and **Struts framework.**
* Developed Front End using **AngularJS, Angular 6, REACTJS, REST, JSON, Node.JS, BackboneJS, jQuery** and **AJAX**.
* Proficient in **MVC** architecture using **Spring framework / JSP-Servlet** and **J2EE** Design Patterns.
* Experience in working on various Spring modules (**Spring Core, Spring MVC, DAO** and **AOP**) along with Hibernate as the back-end ORM tool for implementation of persistence layer and mapping of **POJO**s.
* **AWS EC2** and Cloud watch services**. CI/CD** pipeline management through Jenkins. Automation of manual tasks using Shell scripting.
* Experienced in implementing DAO layers using JPA standards and Hibernate API interfaces.
* Proficient in **XML** technologies like **XSL/XSLT, SAX, DOM, XPath, SOAP, WSDL, DTD, XSD, XMI, SOA, JAXB, JAXP, Apache Axis.**
* Experience in developing the **AngularJS MVC** framework for the Single Page Application development.
* Experienced in working with **SOA** architecture by producing/consuming XML based Web Services (**SOAP/WSDL**) using **Apace Axis, CXF** engines and **REST Web Services**.
* Experience in producing and consuming Rest based web services with **JAX-RS**
* Extensive experience in **IDE** tools like **Eclipse, NetBeans** and **RAD**.
* Experience on virtualization and storage.
* Proficient in designing applications using **Java** and **J2EE** Design Patterns such as Creational, Structural and Behavioral design patterns Singleton, Factory, Facade, Builder, Observer, Command Patterns, **Value/Data Transfer** etc.
* Expertise in Object Oriented Analysis Design / Development Methodologies, Use Cases, Sequence and Class Diagrams using **UML**
* Functioned on AWS cloud formation templates and configured **SQS** service done **java API** to send and receive the information.
* Hands on experience on **SaaS, PaaS** and **IaaS** service models.
* Strong knowledge on Hibernate and in using Hibernate Connection Pooling, **HQL**, Collections, Hibernate Caching, Hibernate Transactions, Optimistic Locking.
* Worked on Microservices, an implementation approach for **SOA**, to build flexible software systems.
* Reporting experience and well versed in Data Warehousing and issues.
* Experience working with different **SDLC** methodologies like Waterfall, Agile (**TDD, SCRUM**).
* Expertise in **UML** which includes creating Use-Case diagrams, Class diagrams, Interaction diagrams (**Sequence diagrams, Activity diagrams**) using Designer tools like **MS Visio 2003/2007, Rational Rose.**
* Expertise in using databases like **MySQL and Orac**le and very good knowledge on **SQL queries** and
* Experience with unit testing using **Junit.**
* Experience in using build and dependency management tools like **ANT**, **Maven** and **Gradle**.
* Experience in designing complex and developing complex Internet systems.
* Experienced with **IBM** WebSphere Application Server**, JBOSS** application servers and Apache Tomcat Application Server.
* Used **NoSQL** DB like **MongoDB** for the proof of concept.
* Worked extensively with **Core Java, Multithreading**, and **Collections**.
* Used version controller tool like **Subversion, Git** and **CVS**.
* Experienced with **RAD**/Iterative development methodologies.

**TECHNICAL SKILLS:**

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| **Internet Technologies:** | Core Java, J2EE (EJB, JMS), Struts, Spring, Hibernate, IBM MQ Series, log4j, Xml, Dom, Ajax |
| **Frameworks:** | JSP/Servlet, Java Script, HTML5, HTML, AngularJS, Angular 2,4, 6, Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, JSF, JUnit, Jasper reports, SOAP UI, Groovy |
| **Tools:** | SVN, CVS, Perforce, Serena PVCS, GIT, Jira, Confluence, SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2, CFX, AWS, Microservices |
| **Middleware:** | J2EE (MDB, JMS), IBM MQ, SOA |
| **Design Patterns:** | Java Design Pattern [Abstract Factory, Factory Method, Singleton, Builder, MVC, Front Controller, Singleton, Business Delegate and DAO patterns, Bridge, Decorator, Adapter, Chain of Responsibility, Command], J2EE Design Patterns [Front Controller, Business Delegate, Session Façade, Data Access Object and Value Object] |
| **Web Services:** | Restful, SOAP, WSDL, SoapUI |
| **Application Servers:** | IBM WebSphere 8.5.5, Oracle WebLogic Server 11g, JBoss Server 8.0.0 and Tomcat 8.0.9. |
| **Databases:** | Oracle, MySQL, DB2, MS SQL Server |
| **Operating Systems:** | Windows - 2000 / NT 4.0 / 98 / XP, Sun Solaris and Red Hat Linux, Unix |
| **IDE:** | Eclipse, RAD, NetBeans |
| **Tools:** | IBM RAD, SQL\*Plus, SQL Navigator, MS Office Suite, MS Project, Rational Paradigm, JUnit, TOAD, Soap UI, Putty, Rational Clear Quest, RTC, StarTeam, Mockito |
| **Build & Release Tool:** | Maven, Ant, GIT, Ansible, Jenkins, Gradle |

**PROFESSIONAL EXPERIENCE:**

**Client: Western Digital, CA**

**Role: Java Full Stack Developer**

**Oct 2017 – Present**

**Responsibilities:**

* Responsibility includes requirement analysis, reviews, Troubleshooting and support for production.
* As a software developer working on development of web application using technologies like Java, Spring, Hibernate on server side and HTML5, CSS3- Bootstrap, JavaScript, Ajax, JQuery, JSP, REST API on Client side.
* Extensively used Spring framework features Dependency Injection, Inversion of Control, Spring MVC, Spring JDBC, Spring AOP, Spring Boot, Spring Security
* Migrating the legacy monolithic EIP application to Microservices platform ending Pivotal Cloud Foundry and Spring Boot Rest Services.
* Developing Microservices using Spring Boot, Spring AOP, RabbitMQ for transporting and fetching data.
* Transforming data from flat file in servers to database using Spring Batch.
* Architected, Designed and Implemented SPA (single page application) using Angular Module, Component, Template, Metadata, Data Binding, Directives and Dependency Injection.
* Extensively working with making RESTful web service calls to fetch the data from the backend as JSON response and parse it on the UI for DOM/CSS manipulation.
* Design and developed web application using JSF, spring and AJAX technology and frontend UI using JSF components.
* Created Typescript reusable components and services to consume REST API's using component-based architecture provided by Angular.
* Build Restful API web services using Node JS and Express JS and used a full complement of Express, Angular JS, Node.js, and Mongo DB to store and present assessments.
* Implementing Jenkins CI/CD pipelines to build and deploy code to different Environments (DLAB/ILAB/PLAB/ZLAB/QLAB/PROD) and ensure continues integration is intact.
* Aspect oriented programming & logging using Spring AOP, Spring Exception handlers, Spring Transaction Management.
* Developing JPA repositories to fetch and manipulate data using hibernate entities.
* Deploying applications in various environments with built in tomcat.
* Implementing Integration testing, unit testing using JUnit, Mockito & Spring Test Frameworks and ensure code coverage.
* Involved in to full software lifecycle- Designing, coding, testing, debugging, support.
* Interaction between UI and Backend with JSON Data on REST endpoint and then server to database SQL.
* Worked in Microsoft SQL Server for database queries and scripting language and have Written rule and database script and run the script for the application.
* Configured AWS IAM and Security Group in Public and Private Subnets in VPC.
* Responsible for using AWS Console and CLI for deploying and operating AWS services.
* Used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store.
* Involved in setup and executed the continuous of software development integration, build, and test using Maven, SVN and GitHub.
* Automating build and Deployment of new application builds utilizing Jenkins.
* Building application into Docker images and pushing docker images into docker Artifactory.
* Working on setting up Kubernetes cluster for different environments and building, deploy and run applications on Kubernetes Cluster.
* Experience in Integrating and deploying applications using Apache Camel, Apache CXF, Apache Kafka, Active MQ, Service Mix and JBoss Fuse Enterprise Service Bus (ESB).
* Conduct unit, package and performance tests of the software and ensure a level of quality in line with the guidelines using SonarQube and Veracode scan.
* Support the end user in the Production phase by debugging existing software solutions in response to BUG and tracking them using HP ALM.
* Worked on the Rabbit MQ in the distributed environment for handling queues to listen and send messages.

**Environment:** Java 8, Bootstrap, CSS, Angular, Eclipse IDE, Maven, Spring, RESTful Web services, Microservices, AWS, Rabbit MQ, Splunk, JASON, AJAX, Hibernate, Gitlab, Docker, Jenkins, Tomcat, Maven, SQL Server, Oracle DB.

**Client: Abbott Laboratories, CA**

**Role: Java Full Stack Developer**

**Feb 2016 - Oct 2017**

**Responsibilities:**

* Responsibility includes requirement analysis, Design architecture and reviews, Troubleshooting and support for production.
* A full stack java web application development technology like Java, Spring, Hibernate on server side and JSF, HTML5, CSS3- Bootstrap, JavaScript, jQuery, Backbone.JS, REST API, AJAX on Client side.
* Involved in to full software lifecycle- Designing, coding, testing, debugging, support.
* Designed and developed the REST based Microservices using the Spring Boot, Spring Data with JPA.
* Created and maintained existing Restful Web Services.
* Create build and deployment configurations to deploy applications on cloud containers.
* Developed Java modules implementing business rules and workflows using Spring Boot.
* Used Spring Rest template to consume other micro services.
* Used Hibernate for persistence and oracle as underlying database.
* Used JWT authentication for initial token authentication.
* Achieved Angular JS Authentication for the application and stored generated token so that token can be sent with each request to secure resources in Web API.
* Worked on the Rabbit MQ in the distributed environment for handling queues to listen and send messages.
* Wrote Web Services using REST, SOAP for sending and getting data from the external interface using JSON Data.
* Interaction between UI and Backend with JSON Data on REST endpoint and then server to database SQL.
* Conduct unit, package and performance tests of the software and ensure a level of quality in line with the guidelines.
* Implemented Angular JS Http Request to read data from web servers and process JSON data to render in the UI.
* Worked in Microsoft SQL Server for database queries and scripting language.
* Wrote rule and database script and run the script for the application.
* Designing and Developing the Web portal Applications, web services, JBPM workflows, Back end Queuing.
* Design and manipulation of JBPM process for the client activities in order to manage the customer queue for each activity.
* Developed custom and Indexed search result using Apache SOLR.
* Expertise in performing scripting and deploying to Amazon Web Services (AWS), Monitored the infrastructure in various formats to integrate the modules.
* Utilize the ELK (Elastic search, log stash, and Kibana) stack for recording the logs of our automation process.
* Created unit test cases for Smoke & Regression Testing using Cucumber and Junit testing framework.
* Used Jasper Report API for creating reports documents to be viewed printed and exported.
* Design and develop Jasper reports utilizing Jasper Studio.
* Dockerization of Standalone Jars and deploying containers using Bamboo, Jenkins for CI/CD in different environments.
* Support the end user in the Production phase by debugging existing software solutions in response to BUG.
* Involved in setup and executed the continuous of software development integration, build, and test using Maven, SVN and Gitlab.
* Deployed the new application builds utilizing Jenkins.
* Use Scrum/Agile methodology to rapidly deliver solid business value to our customer with the use of Workfront board.

**Environment:** Java 8, HTML5, Bootstrap CSS, Angular Js, Angular 6, Backbone.JS, Eclipse IDE, JBPM, Maven, Spring, RESTful Web services, Microservices, Rabbit MQ, Kibana, Jasper Report, JASON, Gitlab, Docker, Jenkins, CI/CD, Tomcat, Maven, AWS, SQL Server, Oracle DB.

**Cyient Ltd., Hyderabad, India**

**Role: Java Developer**

**Nov 2014 - Dec 2015**

**Responsibilities:**

* Worked in Agile XP framework as an individual contributor Responsibilities include - Interaction with Business team in story grooming, reviewing story/acceptance criteria.
* Converted a monolithic app to Microservices architecture using Spring Boot using 12 factor app methodology.
* Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Implemented service-oriented architecture (SOA) using Apache CXF, SOAP, WSDL, UDDI.
* Wrote Controller, Services and directive code using AngularJS, ReactJS for a POC for converting CIM UI.
* Designed and developed rich front-end screens using JSF, JSP, CSS, HTML, HTML5, AngularJS, Ajax and jQuery.
* Developed AngularJS 2.0 code and migrated pre-existing code to updated AngularJS 2.0 framework.
* Implemented navigation using Spring MVC controllers, configured controllers using Spring MVC annotations and configuration files.
* Consumed Restful web services using AngularJS HTTP service and rendered the JSON data on the screen.
* Used Node.JS for back-end support with APIs
* Configured the Hibernate mapping files for mapping the domain objects to the database tables and their corresponding properties to the table columns.
* Developed Action classes for the system as a feature of WSDL, XML and SQL, HQL queries to interact with the database.
* Used Multithreading to make multiple changes on multiple records in one transaction and developed a batch process framework
* Queries for accessing data were built using the Hibernate API
* Used Spring config server for centralized configuration and Splunk for centralized logging.
* Deployed AJAX call for asynchronous data retrieval from back-end.
* Used Concourse and Jenkins for Microservices deployment.
* Used MongoDB as data storage and utilized aspects like replica sets, sharding and clever document design to make service extensible scale and feature wise.
* Optimized the full text search function by connecting to MongoDB.
* Experience integrating user identity between traditional on-premise application and SaaS applications.
* Communicated on a regular basis with the BPM Project Manager and BPM Analyst during different stages of the project
* Used Oracle Java Cloud Service-SaaS, IaaS and PaaS to develop and deploy business applications into the cloud.
* Created REST API for synchronizing local database with remote database in AWS.
* Good knowledge in Developed Java API to connect with AWS S3 Services for storing and retrieving data stored in the S3 buckets.
* Created tables and worked on MySQL and PL/SQL to write Stored Procedures functions and packages for complex Inserts and updates in the database.
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Migrate LaaS, PaaS and SaaS instances between public and private clouds. Performed initial data migration, subsequent delta migrations and validated the data been converted.
* Used Log4j API for logging in development, testing and production environments, configured to send email notifications.
* Used Ansible for configuration Management and worked with Jenkins in setting up CI/CD pipeline for Dev environment and involved in setting up GIT web hooks.
* Developed story/task by following TDD/BDD and Pair programming concepts. Providing daily status in Scrum meetings with the client.
* Used Eclipse with Tomcat application server for development and application deployment.
* Used JIRA for bug tracking, and automated build process by writing Maven build scripts
* Updated legacy Ant build infrastructure to new Gradle based build system on Linux environment
* Mentored new team members on effective usage of blend of Spring Boot /JPA and Java

**Environment**: Java 1.8, Restful web Services (Spring Boot), Eclipse IDE, Angular, Apache Tomcat, PCF, Spring Config server, AngularJS, CSS, HTML, HTML5, SOAP, JAX-RS, JAX-WS, JSON, MVC, Log4j, Node.JS, ReactJS, ANT, Gradle, Git, Junit, Pivotal Tracker, Tomcat 7, Oracle 9i, PL/SQL, DB2, Jira, Maven, Ansible, Jenkins, AJAX, jQuery, Linux, Windows

**KANSolve Technologies, Hyderabad, India**

**Role: Associate Java/J2EE Developer**

**Jan 2014 – Nov 2014**

**Responsibilities:**

* Involved in designing and developing dynamic web pages using HTML, Flex.
* Involved in analysis, design and development and testing phases of the application.
* Developed the Java Code using Eclipse as IDE
* Developed Flex UI pages and the corresponding Action forms.
* Developed Web Services SOAP, WSDL and web services clients using JAXB and XML, implemented SOAP architecture.
* Designed the Struts Action Servlets.
* Created popup forms using AngularJS Models and AngularJS Controllers.
* Used JavaScript for client-side validation and Struts Validator framework for Form Validation.
* Used Spring Framework that uses Model View Controller (MVC) architecture with JSP as the view.
* Used JDBC for database connectivity to SQL Server.
* Involved in writing application level code to interact with APIs, Web Services using AJAX, JSON, XML and jQuery.
* Tuned TCP/IP, JVMs, JVM heap size and Garbage Collections
* Used Hibernate Framework for object relational mapping with the persistent database.
* Wrote JUnit test cases to test the functionality of each method in the DAO classes developed.
* Developed of XML files, Schema's and parsing them by using both SAX and DOM parser's.
* Responsible for generating build script using ANT that compiles the code, pre-compiles the JSP’s, builds an ear file and deploys the application on the application server.
* Used JBOSS application server to deploy the application.
* Used SVN version control to maintain the code versions.
* Used Log4J for logging of messages in all environments.

**Environment:** Java, Flex, Servlets, JDBC, HTML, JavaScript, AngularJS, CSS, XML, XSLT, Struts, MVC, JSON, AJAX, Hibernate, MySQL, SOAP, Eclipse, SVN, log4j, JBOSS, apache-commons, struts, apache-ant, Linux, Windows.