**VISA CATEGORY A 12**

**Full Stack Java Developer**

**Employer details**

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**Summary:**

8+ years of experience in all phases of Software Development Life Cycle (SDLC) including analysis, design, implementation, testing and maintenance of enterprise applications using Java and J2EE technologies.

* Expertise in OOAD and OOP from designing UML diagrams using IBM Rational Rose, Microsoft Vision tools during development phase.
* Experience in developing applications using J2EE Design Patterns such as Model-View-Controller (MVC), Singleton, Session Façade, Business Delegate and Service Locator.
* Strong understanding of SDLC life-cycles and processes as well as Agile methodologies
* Expertise in front end development and design using Core JAVA, Servlets, JSP, JSTL, Struts, Ajax, XML, Angular2. 4 ,7 ,8 ,11, HTML5, jQuery, JavaScript, Node.JS.
* Experience with object-oriented design and employing technologies, including Ruby on Rails

 (RoR), Node.JS/Express, or AngularJS as well as JavaScript, HTML5, CSS3, or

* Bootstrap/Foundation
* Experience with Core Java with working knowledge of Object-Oriented Concepts like Collections, Multi-threading, Exception Handling, Reflection, I/O and Serialization.
* Experience in developing various applications using Struts framework, Springs Framework, Spring boot, Hibernate, Spring Cloud and Web Services. Experienced with working with NoSQL databases like **MongoDB** and **Apache Cassandra**.
* Good Experience in Server-side Framework like Node.js and Java script libraries like React.js, Flux and Redux.
* Experience in Object Relational Mapping (ORM) like Hibernate, JPA and configuring using configuration files and annotations. Hands on experience in Azure Development, worked on Azure web application, App services, Azure storage, Azure SQL Database, Virtual machines, Fabric controller, Azure AD, Azure search, and notification hub.
* Over 4+ years of experience in Golang. Excellent coding and problem - solving skills with ability to work as Developer.
* Assist with the development of the Global MDM strategy
* Strong worAssist with the development of the Global MDM strategyking knowledge in developing Restful webservices and Micro Services using Golang.
* Implemented REST services by Golang with microservices architecture.
* Designed and implemented multiple new features in hotwire.com related to Hotel Room search and purchase using AJAX, jQuery, Angular JS, CSS3 and HTML5.
* Proficient in developing Web Services and its related frameworks like: WSDL, SOAP, REST, AXIS and Jersey.
* Used SOAPUI Functional testing tool for API Testing which supports multiple protocols such as SOAP, REST, HTTP, and JMS.
* Development experience with IDE's like Eclipse, RAD, Spring tool suite and NetBeans.
* Experience with Zookeeper; PaaS implementations like Cloud-Foundry, etc.
* Experience in Cloud Architectures - IaaS, PaaS and SaaS
* Experience in using build/deploy tools such as Jenkins, Docker and OpenShift for Continuous Integration & Deployment for Microservices.
* Good knowledge in version control system tools like Perforce, Git, CVS, SVN, Clear Case.
* Experience with multiple Servers like IBM Web Sphere, IBM WebSphere ESB (Enterprise Service Bus), WebLogic server, Apache Tomcat, JBOSS.
* Hands on experience using Messaging Services like JMS, MQ Series.
* Strong programming skills in designing and implementation of multi-tier applications using web-based technologies like Spring MVC and Spring Boot.
* Experience in Microservices Architecture with Spring Boot and Docker.
* Extensive experience in designing and implementation of continuous integration, continuous delivery, continuous deployment through Jenkins.
* Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Experienced in working with version control systems like GIT and used Source code management client tools like GitBas, GitHub, Git Lab.
* Detailed knowledge of systems and business processes within SAP Supply Chain and Logistics Execution modules (EWM/WM).
* Experience in utilizing BPM REST API, WEB API and expose the Process Instances to various teams in the organizations
* Created frontend modules in AngularJS and written backend code in Java 1.7 & Coldfusion11
* Experience in setting up databases in AWS using RDS, storage using S3 bucket and configuring instance backups to S3 bucket to ensure fault tolerance and high availability.
* Proficient in RDBMS concepts and experience in working with Oracle, DB2 and MY SQL PL/SQL, SQL\* Plus, Database triggers, Procedures, Functions.
* Involved in building and deploying Apache ANT/MAVEN scripts for deployment and customizing WAR/ JAR file management for web applications.
* Well-versed in using J-Unit for performing unit-testing framework.
* Experience in testing on multiple Operating Systems including UNIX (Unix batch processing commands), Linux, and Windows.

**Technical Skills:**

Languages : Java 5 , Java 7 & 11, JavaScript, JSP, UML, WSDL, HTML5, CSS3,ruby, jQuery,GraphQL SQL.

Java Technologies: JDBC, JSF, XML, JSP, Servlets, EJB, JMS, Java Beans, Web Services, Vue, AJAX, Golang.

Database: Oracle, DB2, SQL Server, MS SQL, MS Access, PostgreSQL

Policy Server: TAM, SiteMinder Policy Server v5.5 and 6.0

Tools: Jenkins, Chef, Bamboo, SVN, TOAD, JBuilder, IBM BPM 8.X, Jester, JDeveloper, SQL Developer, SOAP UI, GitHub.

Design Tools: Rational rose (UML), Data Model, Microsoft Visio, Visual Paradigm

Methodologies: SDLC and OOAD, Waterfall Model, Agile.

Web Technologies: AngularJS, Node .js, React.js, Flux, Javascript

Framework: Spring, Hibernate, Struts Spring MVC, Angular

IDE: Eclipse, Net Beans, RAD

Web/App Servers: Apache Tomcat, JBOSS, WebLogic, WebSphere

**Professional Experience**

**Client: State of Idaho, Dept of Health and Welfare**

**Full Stack Java Developer Apr 2019 – Present**

**Responsibilities:**

* Complete involvement in Requirement Analysis and documentation on Requirements Specification.
* Practicing TDD using Junit, Easy Mock or equivalent frameworks.
* Writing unit-tests using JEST to make sure 100% unit-tests code coverage.
* Utilized GraphQL to acquire data from the API and perform queries on the existing data.
* Experience working with cloud providers such as Amazon AWS, Rackspace, Microsoft Azure as well as the services they provide for Orchestration, Logging, Monitoring, and File Storage.
* Mendix involved working on stories: creation of design documents, performed code changes with unit testing, and attended Code Review with developers before commit to main branch. Performed deployment of new release to Mendix Production and Test environments.
* Excellent Unit Testing skills, preferably with TDD experience and exposure to a variety of mocking techniques and frameworks.
* Developed BPM toolkits for JSON/XML parsing, Help link and Exception handling.
* Built Rich Prototypes and Applications using HTML, CSS, JavaScript, jQuery, Ajax, Vue js, JSON,OData, Angular 5 Angular 7 and Bootstrap with MySQL database.
* Configured SiteMinder Policy Server with key and policy stores stored within a Sun One directory server
* Prepared use-case diagrams, class diagrams and sequence diagrams as part of requirement specification documentation.
* Involved in design of the core implementation logic using MVC architecture.
* Responsible for maintenance of authentication directories, LDAP, including Netegrity SiteMinder Single Sign On.
* Handled Browser compatibility issues for different browsers related to CSS and HTML.
* Designed and developed asynchronous RESTful Microservices using Spring boot.
* Used Apache Maven to build and configure the application.
* Developed server-side application to interact with database using Spring Boot and Hibernate.
* Configured Spring xml files with required action-mappings for all the required services.
* Migrating from GitLab to docker and implementing GitLab inside docker.
* 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.
* Implemented Hibernate at DAO layer by configuring hibernate configuration file for different databases.
* Developed business services to utilize Hibernate service classes that connect to the database and perform the required action.
* Implemented the application using Spring Boot Framework and handled the security using Spring Security.
* Experience working with cloud providers such as Amazon AWS, Rackspace, Microsoft Azure as well as the services they provide for Orchestration, Logging, Monitoring, and File Storage.
* Developed dynamic web pages using JSP, JSTL, HTML, Spring tags, jQuery, JavaScript and used jQuery to make AJAX calls.
* Containerizing the integration process by GitLab CI within docker.
* Setup Continuous integration with Jenkins and make use of wide range of plugins available to setup smooth developer friendly workflows.
* Implemented Angular Router to enable navigation from one view to the next as agent performs application tasks.
* Developed java modules implementing business rules and workflows using Spring Boot
* Moved existing AngularJS controllers and services to Angular 5 components for more responsive and less dependency.
* Used JSON and XML as response type in SOAP and REST web services.
* Development to expose User Profile services to other departments users using RESTful WS.
* Created components, modules and directives using Angular 7.
* Involved in responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React JS.
* Experience in writing the HTTP RESTful Web services and SOAP API's in Golang.
* Integrating React's Redux framework to scale and maintain the application better while handling large amounts of data.
* CI/CD using Jenkins, Ant, Maven, GIT, DevOps, Gradle, Artifactory, Docker, Vagrant, AWS ECS
* Spring Boot Microservices were developed with microservice architecture using REST and Apache Kafka.
* Developed a core component of Analytics with Node.js, Angular.JS, Ext.js, Couch DB, and Socket Stream.
* Used the Node.js, Angular.js, backbone.js and Require.js MVC Frameworks in the development of the web applications.
* Used Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest API’s and Spring Boot for microservices.
* Written different Routing (SPA), modules and reusable components using Angular 7.
* Development of cloud hosted web applications and REST APIs using Spring Boot with embedded Tomcat.
* Developed GSA, LSS and SDL using C++, Multi-threading, and socket programming.
* Deployed the application on Amazon Web services (AWS) and used it to provide a large computing capacity for scalable solutions.
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Deployed applications into Continuous integration environments like Jenkins to integrate and deploy code on CI environments for development testing.
* Developed JAX-WS web services to provide services to the other systems.
* Used spring config server for centralized configuration and Splunk for centralized logging. Used Concourse and Jenkins for Microservices deployment
* Used Ajax calls for SOAP and REST web service calls to get the response from WCF PCM, RBM, Services components.
* Database development also required the creation of new tables, stored procedures, functions, indexes, triggers and constraints.
* Deployed Spring boot based Microservices Docker container using Amazon EC2 container services and using AWS admin console.
* Involved in creating lambda to validate the files once it reaches AWS S3, elastic and to validate, process and copy data from one table to another table.
* Develop, Maintain and support Continuous Integration framework based on Jenkins
* Expertise in Logging, build management, Transaction management, and Testing framework using Log4j, Maven, Junit.
* Experienced with working with NoSQL databases like MongoDB and Apache Cassandra.
* Extensively Worked with NoSQL connectors Mongoose and Cassandra Node Driver.
* Implemented Web Services (WSDLs) using JAX-WS and also implemented REST services by Golang with microservices architecture
* Experience in NoSQL database like MongoDB installation, configuration and in designing MongoDB multi-shared cluster and monitoring with MMS.
* Used and implemented Wire mock library to stub the data of all web pages in excel sheets as input for the flow methods and JSON objects as response to test the whole application while building project war to avoid inconsistency of the applications in Agile methodology.
* Involved in coding, testing, maintenance and support phases for three change requests in total for telecom domain client web applications (CMC, B2B and B2C) for users and agents of the client.
* Developed JSP pages using Spring JSP-tags and in-house tags to meet business requirements.
* Involved in writing functions, PL/SQL queries to fetch the data from the MySQL database.
* Developed JavaScript validations to validate form fields.
* Performed unit testing for the developed code using JUnit.
* Developed design documents for the code development.
* Used SVN repository for version control of the developed code.
* Used Oracle policy modeling for writing rules for the applications.

Environment: Core java, Angular, Spring, Golang, Vue, Hibernate, Jest, Struts, REST web MongoDB services, Cassandra, HTML, CSS 2.0, PL/SQL, MySQL 5.1, Log4j, SOAP, REST, QT, JavaScript 1.5, WCF, AJAX, JSON, Junit, Wire Mock, SVN and Windows, AWS.  C/C++., Java(proficient), SQL, PL/SQL, Python, Octave.

**Client: First Mortgage Company, Phoenix, AZ May 2016 – Feb 2019**

**Java Full Stack Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) as requirement gathering, data modeling, analysis, architecture design & development for the project
* Responsible for developing use cases, sequence diagrams, class diagrams, state chart diagrams using UML notations and Rational Rose.
* Experience in OOAD, iterative development, agile processes, layered design, design patterns, SQL and UML Utilized Modernizer extensively to build HTML5/CSS3 based page layouts that are cross-browser compatible and standards,
* Responsible for designing the User Interface by coding in HTML5, CSS3, Angular 2,5, Type Script, Microservices to build this SPA Single Page Application.
* Analyzed the functional specifications of the products and implemented the business logic for different modules in Java.
* Created JSP views to incorporate backend functionality to display on the UI screens using client rich technologies like jQuery, JavaScript, HTML5, CSS3 files.
* Implemented Angular Router to enable navigation from one view to the next as agent performs application tasks.
* Experience working with both waterfall and agile development methodologies
* Built REST queries using BPM REST API and used them in Process and WebSphere portal.
* Moved existing AngularJS controllers and services to Angular2 components for more responsive and less dependency.
* Implemented & maintained the branching and build/release strategies utilizing GIT.
* Extensively worked on Jenkins to implement continuous integration (CI) and Continuous deployment (CD) processes
* Used popular Node.JS frameworks like Express and Restify to mock a Restful API.
* Worked in the design and development phases of the application using ROR framework.
* Worked with Bootstrap components of Angular-UI like carousel, collapse, dropdown, and tabs to develop dynamic responsive Web Application.
* Microservices was built using Spring Boot, Spring Cloud and deploying to AWS Cloud.
* Implemented Micro-services using Pivotal Cloud Foundry (PCF) platform build upon Spring Boot Services.
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Implemented AWS solutions using EC2, S3, WCF, RDS, Elastic Load Balancer, Auto scaling groups, optimized volumes and EC2 instances.
* Used Hibernate Query Language & Custom Queries to query data from Oracle in DAO.
* Development of ERP solution using architecture and Microservices.
* Used Eclipse IDE to design, develop & deploy app on WebSphere.
* Worked on SAP EWM and ERP integration and Configured Storage type search sequence, Activity area.
* Good Exposure in using the IDE tools like Eclipse, Web Storm and Node.js.
* Experience in an Agile Project Management / Scrum Master role and of coaching Agile teams
* Used SOAP based messaging format to transfer requests and responses and validated the request and responses against XML Schema Definition.
* Developed the functionalities using Agile Scrum Methodology
* Developing XML documents with XSD validations, XPATH, SAX and DOM parsers to parse the data held in XML documents.
* Implemented design patterns in Scala for the application.
* Worked with Bamboo continuous integration tools for Agile development.
* Developed the HTTP based web services Client which calls up the existing web services to get the application related data which comes in XML format.
* Used JMS API to mail notifications upon success or failure when the backend processes are completed and to send mail notifications regarding any system related problems.
* Wrote Hibernate Criteria queries for data retrievals and have performed the ORM mappings to map java entities to database tables.
* Implement stored procedures using Spring JDBC template.
* Coordinated Unit Testing by JUnit, Easy Mock, Integration and User Acceptance Testing and developed test cases for bean components.
* Used Subversion for maintaining the component and for release and version management. And JIRA for defect tracking.
* Used Log4j for Logging and Used Quality Center for Bug Reporting Tool.

**Client: Assurant Health (Insurance), Atlanta, GA Aug 2014 – Apr 2016**

**Java/J2EE Developer**

**Responsibilities:**

* Involved in requirement gathering phase to gather requirements from users and dealing with other team to continuously accommodate changing user requirements.
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using Rational Rose.
* Implemented Spring framework for Dependency Injection, support for the DAO pattern and integrated with Hibernate
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers
* Implemented Web Services (WSDLs) using JAX-WS and also implemented REST services by Golang with microservices architecture.
* Created RPC-based service for reading large volume of data from PostgreSQL using GO(Golang)
* Used Spring framework to inject services, entity services, transaction management, and concerns by factory class corresponding to the use case operation executing.
* Developed UI using JSP, JSTL and Custom Tag Libraries and AJAX to speed the application.
* Designed and developed UI Screens with Spring (MVC), HTML5, CSS, JavaScript, AngularJS to provide interactive screens to display data.
* Implemented AngularJS controllers to maintain each view data, and Angular service calls using Angular Factory.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used core Java concepts like Collections, Generics, Exception handling, IO, Concurrency to develop business logic.
* Validated query execution plans & tuned queries using Indexes, Views, & Batch processing.
* Worked with UNIX batch scripting, used various commands and functions to get the output in the Shell. Experience developing and supporting IBM Infosphere Master Data Manager out-of-the-box and customization code.
* Proficient in building React.js web pages with JSX, React components.
* Profound knowledge in AngularJS concepts like Dependency Injection, Promises, Services, Scopes, Controllers and Directives.
* Experience in Applications using AJAX,OData, Object Oriented (OO) JavaScript, Angular JS, Node JS, Kendo UI, Knockout JS, and JSON, JSONP, and XML.
* Using Spring Boot to create stand-alone spring applications.
* Implemented Hibernate ORM tool integration with Spring MVC to interact with back end persistence system Oracle.
* Developed and published web-services using WSDL, SOAP and XML, JAX-B based on top-down and bottom-up approaches.
* Docker, Mocha, Jasmine, Karma, Gulp, SSO Authentication, JWT, OIDC, ODM, Spring Boot, Web Pack, Kubernetes, Maven and Jenkins.
* Knowledgeable in Financial Services, Trading and Capital Markets products, such as Equities, FX, Fixed Income, Commodities, Derivatives (advantageous but not essential)
* GIT, Jenkins, AWS Services, Elastic Cloud Compute (EC2)
* Worked on Webservices programs for CTO Processes in SAP EWM
* Experience in pre-testing the Web-Service calls with SOAP UI using end-points.
* Implemented Entity Beans in EJB to interact with the database to update, retrieve, insert and delete values effectively.
* Worked with Jenkins for CI/CD.
* Developed the HTTP based web services Client which calls up the existing web services to get the application related data which comes in XML format.
* Focused on Test Driven Development (TDD) thereby creating detailed JUnit tests for every single piece of functionality before writing the actual functionality.
* Used Message Driven Beans & JMS to process requests from the customer asynchronously.
* Developed back-end logic with Core Java using technologies including Collection Framework, Multi-Threading.
* Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using SQL and PL/SQL.
* Used Log4J to print info, warning and error data on to the logs.

**Client: First Citizens Bank, Raleigh, NC Nov 2012 -May 2014**

**Java Developer**

**Responsibilities:**

* Utilize in-depth knowledge of functional and Technical experience in Java/J2EE and other leading-edge products and technology in conjunction with industry.
* Designed application modules, base classes and utility classes using Core Java
* Designed UML diagrams as part of the functional and technical Design using Visio.
* Developed the presentation layer using Struts MVC pattern integrated with spring to invoke the service layer beans.
* Designed web pages using JSP, Struts, CSS, HTML, DHTML, AJAX and client-side validation with JavaScript.
* Analyzed the Node.JS server structure in legacy project, then mimicked the REST service by using Java JAX-WS API, and did the corresponding configurations.
* Developed Session and Entity beans for encoding Business Logic and handling transactions.
* Involved in ORM mappings for associations, Inheritance fetching strategy, performing CRUD operations and managing second level cache using Hibernate.
* Hands on experience with Core **Java 5** features **like Functional Interface Programming**, **Lambda’s**, Streams including extensive knowledge with concurrency, multi-threading, exception handling, filters, and Generics
* Used Hibernate Query Language and wrote HQL queries for data retrieval from database.
* Implemented SOA using web services to interact with Customers.
* Developed code to access third party Web Services using XML, WSDL, SOAP for transferring data between different applications. Deployed the Docker image of services building Docker file and build a continuous delivery pipeline for containers using AWS Code Pipeline and Amazon ECS.
* Involved in creating Restful web services using JAX-WS and CXF tool. Deployed the application using Docker and AWS Lambda and Console services
* Working on the application on Eclipse and deployed on WebLogic Server to integrate run time components and the tools to develop applications.
* Involved in Web Logic server configurations, Data Sources, Connection Pooling, MQ Series Queues set up for messaging and deploying the apps on different servers in different environments like QA/IST/Production.
* Use of JSX in the React components for cleaner HTML like structure inside JavaScript.
* Knowledge of Capital Markets and cash trade processing is an asset.
* Used Web Services for creating rate summary and used WSDL and SOAP messages for getting insurance plans from different module and used XML parsers for data retrieval.
* Extensively worked with Oracle RDBMS for writing complex queries and PL/SQL for Stored Procedures, Triggers and Events, for generating some important responses needed by the application at times.
* Developed Micro Services to provide RESTful API utilizing Spring Boot with Spring MVC.
* Performed Unit testing using J-UNIT, System, Regression, and Integration Testing.
* Created Maven to build the application and deployed on WebLogic Application Server.
* Involved in the performance monitoring of the application using RAD tools.
* Used Log4J utility to log error, info and debug messages.
* Created test cases for DAO Layer and service layer using J-UNIT.

**Education: Bachelors in Computer Science, North Dakota State University.**