



Software Java - Summary

Java Summary

PROFESSIONAL SUMMARY:

- Around 7 years of experience in Planning, Design, Development, and Implementation, Testing and Maintenance of Web-based, Client-Server, Multi-Tiered applications using Java/J2EE in various Domains.
- Experience in developing application using Agile and Waterfall software methodologies.
- Extensive experience in designing and developing web-based applications using Java, Servlets, JSP, JSF, Hibernate, Spring, Web Services (REST and SOAP), MVC framework (struts, Spring MVC), databases Oracle, MySQL, DB2.
- Proficient in Core Java and implementing multi-threading, Exception Handling, Collections and Generics, Data Structures in various projects.
- Expertise in developing web applications using front-end technologies like HTML, CSS, JavaScript, XML, DHTML, XHTML, jQuery, AJAX, JSON, Angular and Bootstrap.
- Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge on AWS services like Elastic Compute Cloud (EC2), Simple Storage Service (S3), Glacier, Auto Scaling, IAM, Dynamo DB, Virtual Private Cloud (VPC), Route53, Cloud Watch, AWS CLI, Cloud Formation, Cloud Front, Elastic Beanstalk, ELB (Elastic Load Balancers), RDS, SNS, SWF, SES, SQS, and EBS etc.
- Insight in using various Extensible Mark-up Language (XML) technologies like XQuery, XPath, XSD, XSLT and JAXB.
- Worked on Rich User Interface technologies such as Angular JS, Node JS and had knowledge on knockout.
- Experience in developing applications using Spring Framework features like Spring Boot, Spring MVC, Aspect Oriented Programming (AOP), Data Access Object (DAO), Spring JDBC Templates, Spring Security, and Spring Batch.
- Knowledge in implementing Service Oriented Architecture (SOA) using Web Services and hands on experience in developing SOAP and RESTful web services.
- Exposure in implementing and integrating frameworks such as struts, Spring MVC, Spring IOC, Spring AOP, Hibernate and JPA.
- Handled SQL queries in PL/SQL, functions, packages, tables, views, triggers, and Stored Procedures in Relational Database management systems like Oracle, MS SQL, PostgreSQL, Sybase and DB2.
- Exposure in Amazon Web Services (AWS) components such as EC2, S3, EBS, Cloud Front, SNS, SQS, ECS, DynamoDB and AWS Cloud Formation and Terraform API to create infrastructure on AWS as a code.
- Used AWS Lambda to handle the application logic, to persist data to a fully managed database service like RDS for relational data, DynamoDB for non-relational data.
- Experience in working with Test Driven Development (TDD) using Mockito, Junit, Cucumber and Log4j in developing test cases and determining application functionality.
- Broadly used different IDEs like Eclipse, IntelliJ, and NetBeans.
- Command in building and deploying applications on Web and Applications servers such as Web Sphere, WebLogic, Apache Tomcat and JBoss.
- Strong Knowledge on Object Oriented Concepts, Design and Implementation.
- Expertise in using bug tracking, issue tracking and project management tools JIRA, Kanban.
- Experience of production support activities, with strong debugging and troubleshooting skills.
- Involved in code reviews to maintain coding standards, reviewing and maintaining the software documentation.
- Excellent Client interaction skills and experience in working independently as well as in a team.
- Familiarity in using Splunk, AppDynamics and working with operating systems such as Windows, UNIX and Linux.

TECHNICAL SKILLS:

Languages	Java, Scala, AngularJS, XML, HTML5, JavaScript, SQL
Frameworks	Spring 3.x/4.x/5.x, Hibernate 3.0/4.0, Struts 2.x/1.x, Spring Boot 2.x
Cloud Technologies	AWS API Gateway, IAM, Cognito, S3, Dynamo DB, CloudWatch, Lambda
Application Server	Apache Tomcat, JBoss, WebLogic

Web services	SOAP, REST(JAX-RS)
Web-Application Tools	XML, JMS, Servlets, JSTL, EL, Custom Tag Library, JSP, JSF, JNDI, JPA, JAXB Node JS
Database	MYSQL, DB2, Oracle, SQL Server, MySQL, NoSQL, MongoDB, PostgreSQL
Scripting Language	HTML5, Bootstrap, CSS, JavaScript, XML (SAX, DOM), XSL/XSLT, XPATH, Typescript, Java Script, jQuery, Ajax
Version control Tools	GIT, Bitbucket, SVN
Build Tools	Ant, Maven, Jenkins, Cruise Control
IDEs	Spring Tool Suite, Maven, Eclipse IDE, NetBeans, IntelliJ, JDeveloper, Visual Studio, Toad, Putty, JUnit, Log4j.
Logging Frameworks	Log4j, Java Logging API, SLF4J
Testing Tools	Junit, JMeter
UML Tools	Rational Rose
Operating Systems	Windows, UNIX/Linux

PROJECT EXPERIENCE:

Responsibilities:

- Created build files using Maven. Developed the application using Spring Tool Suite (STS) and Jenkins for continuous integration and continuous deployment (CI/CD).
- Extensively worked on JIRA tool for tracking stories in a project.
- Developed micro services with spring boot for the coverage determination service.
- Worked with AWS cloud service in creating EC2 instances and providing them roles and sometimes participated in writing custom policies and deployed applications on Elastic Bean Stalk and EC2.
- Design, develop and tests HTML5, CSS3, Bootstrap, JavaScript and React JS that meets accessibility and web browser standards for website.
- Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWS resources.
- Development experience in rational application developer and configuring software analyzer.
- Experience using Spring Core, Spring DAO, Spring AOP in the web application.
- Implemented various screens for the front end using React JS and used various predefined components from PM (Node Package Manager) and redux library.
- Experienced with event-driven and scheduled AWS Lambda functions to trigger various AWS resources.
- Production support for the critical defects on the legacy application that we are rewriting.
- Developed spring batch jobs for validating data sync between FHIR and ECC databases.
- Involved in AWS SQ to interact with queue and giving roles to it and involved in writing Custom policies.
- Discussing with clients for requirement understanding and suggesting solutions.
- Developed presentation layer includes UI components, validations using HTML5, applying styles using CSS, used Query to make Ajax calls.
- Enhanced application performance by Angular 8 Component based development in view of future Angular framework transitions.
- Build Restful API web services using Node JS and Angular 8 and used a full complement of Node.JS, and Mongo DB to store and present assessments.
- Interacting with various teams and resolving the reported bugs and various technical issues.
- Environments expertise in Java, Spring Boot, Micro service, FHIR JPA, JSP, Restful Web Services, Postman, SQL.
- Experience with writing Unix/Linux commands for debugging applications in terminal.
- Working on multiple services by making code changes and to simplify code complexities within the services.

- Developed several modules using a combination of Hibernate, Spring module.
- Involved in RESTful web services for making use of HTTP protocol between client and server.
- Developed micro services with spring boot for the coverage determination service.
- Implemented Angular 8 for differential loading, dynamic imports for lazy routes, web workers and Angular Ivy as an opt-in support.
- Used Kubernetes and docker for the runtime climate of the CI/CD framework to assemble, test deploy. Worked on docker open-source project via computerizing the arrangement of utilizations inside programming compartments.
- GitHub and Git were utilized for form control where we pushed the source code making new branches and rebasing was finished with the expert branch to get the changes.
- Executed advanced Java 8 features for adding functionality processing capability and streamed API to facilitate pipeline processing and method to eliminate elements based on the criteria. Used Spring Boot for creating stand-alone Java application for establishing profiles using 'java-jar' files.
- Followed software quality measures like TDD, peer review, pair programming along with code coverage tools and PRA.
- Designed and built services using AWS serverless architecture and Function as a Service (FaaS).

Environment: Jenkins, CI/CD, Java 8, Gradle, Spring framework, Spring boot, JSON, XML, JUnit, JIRA, Postman, JAX-RS, Log4j, JavaScript, Git, CSS, Splunk, IntelliJ, AWS (EC2, AWS Lambda, ECS, Elastic Cache, S3, Dynamo, RDS(MySQL), SNS, SQS, CloudWatch, CloudFormation).

Responsibilities:

- Created build files using Maven. Developed the application using Spring Tool Suite (STS) and Jenkins continuous integration and continuous Deployment (CI/CD).
- Extensively worked on JIRA tool for tracking stories in a Project.
- Consumed RESTful web service using Spring Framework and working with data exchange formats like XML and JSON formats and used POSTMAN to test the Web Services.
- Developing applications with Java, J2EE, Spring framework, WebLogic, JBoss, JMS, JUNIT, SQL and utilizing AWS services like ECS, EC2, RDS, S3, Lambda, CloudWatch.
- Implemented a Continuous Delivery pipeline with Jenkins and GitHub.
- Designed and developed the application by following Agile-Scrum methodology, involved in daily stand up and spring planning sessions as a part of Scrum.
- Working with other Amazon Web Services like EC2, S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon Cloud Front.
- Created AWS Launch configurations based on customized AM and use this launch configuration to configure auto scaling groups and Implemented AWS solutions using EC2, S3, RDS, DynamoDB, Route53, EBS, Elastic Load Balancer, Auto scaling groups.
- Migrated Cassandra cluster from one AWS account to another AWS account by using Cloud Formation Templates in JSON.
- Developed the web pages Java, HTML, JavaScript, CSS, jQuery, JSP, Servlets, Tag libs, JDBC, Hibernate, and Web Services with J2EE design patterns using IntelliJ IDE.
- Involved in provisioning AWS S3 buckets for backup of the application and sync these contents with remaining \$3 backups, by creating entry for AWS S3.
- Responsible for Crystal Reports application code development and testing.
- Involved in writing SQL queries and complex stored procedures using Microsoft SQL server management studio
- Using Splunk to monitor the lower level and Production environment logs.
- Developed applications using Hibernate persistent framework, developed persistent classes, hibernate-mapping files .html .xml file, hibernate query language.
- Created Crystal Reports using Crystal Reports formulae, Grouping, Parameters, Selection criteria.
- JUnit/Mockito Frameworks were used for performing unit & integration testing by writing test cases.
- Responsible for complete coverage of unit tests and rigorous system and integration tests.

- Responsible for ensuring resource allocation and smooth flow of web applications in cloud environment.
- Experience with writing Unix/Linux commands for debugging applications in terminal.
- Experienced in reviewing the functional, business, and high-level design requirements.

Environment: Jenkins, CI/CD, AWS, Java 1.8, Gradle, Spring framework, Spring boot, JSON, XML, JUnit, JIRA, Postman, Oracle, JAX-RS, Log4j, JavaScript, Git, CSS, Splunk, IntelliJ.

Responsibilities:

- Understanding Kidney dialysis Business, innovating Business Intelligence Solution and frameworks.
- Develop Patient Alerts information automatically to Clinical Staff notice and bring Patient health reports information to Clinical Staff attention for better care.
- Used various Angular custom directives and developed reusable components and templates that can be re-used at various places in the application.
- Enhanced the system to improve user experience and developed functions to acquire data from REST Web Service using Angular and HTTP Observable.
- Worked on AWS lambda to perform third party vendor calls to get Medication information.
- Created Microservices using Spring Boot. Deployed, Scaled, Configured, wrote manifest file for various Microservices in Linux Systems.
- Interactive Single page, responsive, interactive, Event driven applications were developed using AngularJS, NodeJS, ReactJS, BackboneJS, and Ajax.
- For developing business layer used Spring MVC, Spring boot, Spring data frameworks.
- Developing multi-tier Enterprise Applications using Spring Tool Suite.
- Develop tools in N-tier and Microservices architecture applications using Spring Boot, Hibernate My SQL, Restful Web Services, and multi-threaded programming.
- Used APIGEE Management APIs for certain operations.
- Used Swagger for documenting API related information like Request format, Response format etc.
- Good knowledge in container-based technologies like Docker and Kubernetes.
- Used Confluence and Pulse for project related documentation.
- Developing FHIR (Fast Healthcare Interoperability Resources) Protocol Webservices.
- Building and test the systems using Java 7/Java 8, Oracle, JBOSS, Spring Frameworks, GIT, Jenkins, Maven, Vue JS, JavaScript, Sonar Cube, Junit, Selenium, JIRA, Kafka on Windows /Mac.
- Used JUNIT frameworks like Mockito.
- Implemented to reprocess the failure messages in Kafka using offset id.
- Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
- Experience with querying on data present in Cassandra cluster using CQL (Cassandra Query Language) and Importing data from various sources to the Cassandra cluster using Java API's.
- Deployed applications using Jenkins pipelines.
- Using Splunk to monitor the lower level and Production environment logs.
- Used GitHub for version controlling.
- Experience with writing Unix/Linux commands for debugging applications in terminal.
- Performed Static analysis, composition analysis using SonarQube.
- Working on multiple services by making code changes and to simplify code complexities within the services.

Environment: Angular 6, AWS, Java 1.8, J2EE, STS, JDBC, Spring boot, Cassandra, Kafka, NodeJS, JUnit, tomcat, Sonar Cube, Junit, Jasmine, JMeter, JIRA, Oracle, MongoDB, Jenkins, CI/CD.

Responsibilities:

- Involved in application framework design using Model View Controller (MVC) architecture and J2EE design patterns for designing and development of the application.
- Developed and implemented MVC architecture pattern using Spring MVC framework.
- Implemented Spring core for Dependency Injection and Inversion of Control.

- Extensively used Spring JDBC in data access layer to access and update the information in the database.
- Designed and developed business layer for the application details using Plain Old Java Object (POJO) classes.
- Creating, updating, and managing the MySQL database and performing CRUD operations on the database tables according to the requirement.
- Use JDBC Template to query the stored procedures from database system.
- Deployed the project in the JBoss Application server.
- Designed front-end screens using HTML, JSP, CSS and JavaScript.
- Used AngularJS to create Single Page Applications (SPA) which can bind the data to specific views and synchronize the data with the server.
- Handling Log4J for logging errors, messages and performance logs.
- Used CVS as Version Control System and used Maven to build the application.
- Participated in writing test cases and performed unit testing using JUnit.
- Involved in maintenance and code changes from existing code, support the system.
- Supported the applications through debugging, fixing and maintenance releases.

Environment: Java, J2EE, HTML, CSS, JavaScript, JSP, JSON, AJAX, Servlets, Spring, Spring MVC, Hibernate, SOAP, Jenkins, Maven, JUnit, SVN, WebLogic, Log4j.

Responsibilities:

- Associated in analysis, design, and development and testing phases of the application using AGILE SCRUM methodology.
- Implemented the project structure based on MVC architecture and used Struts framework.
- Designed and developed front-end screens using JSP, HTML, and CSS and used JavaScript for the validations of the data.
- Validation framework provided by Struts for validating the user input as per the business logic, using the validation tag library and Validate method in the Form class.
- Used Swing extensively to design some parts of GUI, for some standalone mini applications, Report Interface.
- Implemented architecture application using JSP, Servlets and JavaBeans.
- Java Servlet and JSP were used as a middle ware to communicate Client and server.
- Creating, maintaining, and updating the MySQL database and used JDBC to provide database connectivity to database.
- Used JDBC thin driver to connect the database management system.
- Created various Struts Action Classes to model the business logic.
- Designed and developed JavaBeans components as the business logic.
- Implemented Web Services using SOAP protocol, UDDI and WSDL.
- Hands-on experience with Unit testing using JUnit and performed user acceptance testing with the test cases.
- Deployed the application on application server Apache Tomcat.
- Used SLF4J logger for logging at different levels of the system and implemented it with Apache Tomcat.
- Involved in code reviews and maintaining the code standards.
- Used Shell scripting to automate the application development process.

Environment: Java, JSP, Servlet, Struts, HTML, CSS, JDBC, Swing, Struts Framework, Eclipse, Apache Tomcat, SOAP, WSDL, JUnit, SLF4J, MySQL, CVS, Shell Scripting, IBM Rational Rose.