

Chahana Dhakal
(817) 796-6019
chahanadhakal2019@gmail.com

SUMMARY:

- Over 5 years of experience in all facets of Application Development, from System Design, Implementation, Maintenance, Support and Testing using Java/J2EE Technologies.
- Experience in working in environments using Agile (SCRUM) and Test-Driven Development (TDD) development methodologies.
- Proficient in UI design, developed Front End using JSP, HTML5, CSS3, JavaScript, Ajax, jQuery, AngularJS, Angular 2.0.
- Hands on experiences with Core Java with Multithreading, Concurrency, File Handling I/O, Generics, Data Structures and Collections, Garbage Collection.
- Experience in java8 features like Parallel Streams, Lambdas, functional interfaces and filters.
- Good experience on Design Patterns (J2EE) like Singleton, Factory, DAO, Session Facade, Front Controller, and Delegate Pattern.
- Experienced in developing messaging module by using Spring JMS, Apache Camel.
- Experience in Spring framework (MVC/IOC/ORM/JDBC/AOP/BATCH/WEBFLOW/Context) and Struts (MVC, architecture, interceptors, action mappings and resource bundles).
- Experience in developing Microservices using Spring-Boot.
- Experience in development and deployment of applications using JBoss, Web Logic Application Server, IBM WebSphere Application and Apache Tomcat.
- Experience in developing SOAP based Web Services using Apache CXF and JAX-WS.
- Experienced in developing Restful Services using JAX-RS specification like Jersey and Rest Easy to implement REST based Application.
- Experience in using bug/issue tracking, project Tracking and Management tool JIRA.
- Experience working on Web Services SOAP & REST, JAX-WS, JAXB, WSDL and UDDI registry.
- Expertise in implementing Service Oriented Architectures (SOA) using XML based Web Service such as SOAP, UDDI and WSDL.
- Involved in designed fully distributed system with the use of Restful API and Micro Services.
- Complete understanding of the DevOps process with continuous integration using Jenkins, JIRA, GIT, Ansible.
- Expertise in developing model components using ORM technologies like MyBatis, Hibernate (Caching, Hibernate Template, DAO) to write Database independent persistence logic and to maintain portable relationships between the databases.
- Have developed the micro services framework prototype with guidelines, the developers have followed as skeleton model and developed their interfaces on top of the baseline prototype.
- Good experience in J2EE Testing in developing test cases with JUnit, MOCKITO for Unit testing, and logging using Log4j.
- Good Experience in Mock Testing.
- Experienced with RDBMS implementation and development using Oracle, My SQL, MSSQL and DB2.
- Expertise in database modeling and development using No SQL Database such as MongoDB.
- Experience in using version control and configuration management tools like GIT, SVN and CVS.
- Experience in using the tools like Ant and Maven for build automation.
- Extensive experience in testing on multiple operating systems including Linux, Unix, and Windows.
- Domain knowledge and business expertise in Banking, Healthcare and Insurance.

Technical Skills:

Programming Languages	Java, SQL, PLSQL.
Scripting Languages	XML, HTML, CSS, JavaScript, AJAX, jQuery, JSON, AngularJS
Tools	Junit, Protractor, Mockito.
Frame Works	Struts, Spring, JSF and Hibernate, JMS.
Web Services	SOAP, UDDI, WSDL, JAX-RS, JAX-WS, RESTful Web services, AWS, Microservices.
Databases	Oracle, MySQL, PostgreSQL, DB2, MongoDB.
Debugging Tools& CI/CD	JIRA, Jenkins.
Version Control	Git, Tortoise SVN, CVS.
IDE Tools	Eclipse, Net beans, IntelliJ, ANT, Maven, STS
Web/App/DB Servers	IBM WebSphere, WebLogic, Apache Tomcat, JBoss.

Client: Apollo Healthcare, Phoenix, AZ
Role: Full Stack Java Developer

June 2020 to Current

Responsibilities:

- Developed the functionalities using Agile Scrum Methodology.
- Extensive experience in various Agile methodologies like Test Driven Development (TDD).
- Involved in developing UI using Spring MVC framework, JSP, JSTL, HTML5, CSS, JavaScript, jQuery, AJAX and AngularJS.
- Created Reusable Modules and Custom Directives in Angular2.0 which got used in various places of application.
- Implemented AngularJS Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory tested all application controllers extensively with AngularJS built-in testing facilities.
- Extensively used core java concepts like Multithreading, Collections Framework, File I/o and concurrency.
- Experience in Core Java concepts such as OOP Concepts, Collections Framework, and Exception Handling, I/O System, Multi-Threading, JDBC, Generics.
- Used Java8 features in developing the code like Lambda expressions, creating resource classes, fetching documents from database.
- Used design patterns like Singleton, Data Access Objects, Factory and MVC patterns.
- Testing and production support of core java based multithreading ETL tool for distributed loading XML data into Oracle database using JPA/Hibernate.
- Created POJO's and DAO's for the database entities using Spring JDBC annotation mappings Integrated with Spring Cloud projects to provide distributed tracing and other features.

- Developed microservices with Spring and tested the application using Spring Boot.
- Used Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest API's and Spring Boot for microservices.
- 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.
- Deployed applications into Continuous integration environments like Jenkins to integrate and deploy code on CI environments for development testing.
- Implemented Rest based web service using JAX-RS annotations, Jersey provider implementation.
- Integrated ActiveMQ and spring JMS API to send and receive message for the application's restfulAPI.
- Experience in design and development of Web services, JAX-RPC, JAX-WS, RMI, JTA, JMS and XML,XSD, XSLT, X-Path.
- Wrote build scripts using Maven.
- Developed the persistence layer using Hibernate Framework by configuring the 1:1/1:M/M:M mappings in hibernate les and created DAO and POJO.
- Experience in NoSQL database like MongoDB installation, configuration and in designing MongoDB multishared cluster and monitoring with MMS.
- Installed the WebSphere MQ and involved in configuring MDB listeners, JMS resources, and queues and integrating with the WebSphere Application Server.
- Configuring WebSphere Application Server on multiple platforms for both horizontal and vertical scaling for Workload Management.
- Experience in working with NoSQL Database like MongoDB to manage extremely large data sets.
- Used log4j to print the logging, debugging, warning, info statements.
- Implemented Selenium Web Drivers and Protractor For testing the UI components.
- Involved in setting up Test automation and developed cucumber feature les and used Selenium for automated testing with TestNG.
- Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the system.
- Experience on implementation of version control software GIT repositories.

Environment: Agile, HTML, CSS, JavaScript, jQuery, AJAX and Angular 2, XML, DAO, JPA, Java8, Springs (IOC, AOP, JDBC) Frameworks, Spring Boot, Microservices, JSP, Hibernate Framework, AWS, RESTful Web services, SOAP, Maven, WebSphere Application Server, Mongo DB, NoSQL, Log4j, Jenkins, JIRA, Selenium Web Drivers, Protractor, GIT, Socket Programming.

Client: Farmers Insurance, Los Angeles, CA

January 2019 to May 2020

Role: Java/J2EE Developer

Responsibilities:

- Developed the front-end components using AngularJS framework to leverage the Model View Control (MVC) architecture.
- Designed and Developed appealing GUI using JavaScript, HTML/HTML5, DOM, XHTML, AJAX, CSS3 and jQuery.
- Implemented jQuery for the interaction between the JavaScript validation and dynamic HTML pages.
- Developed JavaScript for client end data entry validations and Front-End Validation.
- Developed Spring Beans and configured spring using applicationContext.xml.
- Designed and developed web tier components and restful APIs using Spring MVC.
- Used Hibernate as an ORM mapping tool and worked with Hibernate Query Language (HQL).
- Worked on Front End using Servlets, JSP and backend using Hibernate.
- Defined the Hibernate Configuration File, Hibernate Mapping using annotation and created classes to persist the data.
- Implemented SOAP messages for information exchange for Web services.
- Developed classes using core java (multithreading, concurrency, collections, memory management) and some Spring IOC.
- Worked with the retrieval and manipulation of data from the Oracle Database by writing queries using SQL and PL/SQL.
- Used Log4j for logging errors, messages and performance logs.
- Developed test cases and performed unit and integration testing; performed using testing using Used JUnit.
- Using Maven as the build script and SVN as source repository.

Environment: Java, J2EE, Spring, MVC, Hibernate, SOAP, Agile Methodology, JavaScript, HTML/HTML5, AJAX, CSS3, jQuery, XML, jBoss, Apache Tomcat, Oracle, Log4j, JUnit, SVN, Maven, Windows.

Client: State Street Bank, Providence, RI
Jr. Java Developer

May 2017 to December 2018 Role:

Responsibilities:

- Involved in preparing Design documents. Designed the component architecture of the assigned features • Followed Agile Scrum methodology for development of the product.
- Developed Service layer classes to support the business functionality with Spring MVC • Used XML access to export the full environment with all the settings configuration.
- Designed and developed all the user interfaces using JSP, Servlets and Spring framework.
- Used AJAX for developing asynchronous web applications on the client side.
- Developed the DAO layer using Hibernate and used caching system for real time performance
- Developed Web Service provider methods (bottom up approach) using WSDL, XML and SOAP for transferring data between the Applications.
- Configured Java Messaging Services (JMS) on Web Sphere Server using Eclipse IDE.
- Developed build and deployment scripts using Apache ANT to customize WAR and EAR files
- Developed stored procedures and triggers using PL/SQL in order to calculate and update the tables to implement business logic using Oracle database.
- Used Log4j for application logging and debugging.
- Involved in fixing bugs and unit testing with test cases using JUnit framework

Environment: Java, J2EE, Servlets, Spring, Hibernate, JSP, AJAX, WSDL, XML, SOAP Web Services, WebLogic, Oracle, PL/SQL, JMS, Eclipse, ANT, SVN, Log4j, JUnit, Windows.

Education:

Bachelor's in Computer Information System from University of North Texas