**Professional Summary:**

* **Around 12 years** of extensive IT experience in all phases of **Software Development Life Cycle (SDLC)** which includes developing, design, analysis, testing and Integration of various web based and **client/server applications** in multi-platform environments with **JAVA/J2EE** technologies.
* Experience in developing applications using **Agile Methodology, Waterfall Methodology** and **Test-Driven Development approach.**
* Proficient in developing the application by implementing the **Object-Oriented Principles** and **Core Java Concepts like Collections, Exception Handling** and **Multi-threading.**
* Hands on experience with Java features like **Lambda expressions** and **Stream API** for Bulk data operations on Collections which would increase the performance of the Application.
* Proficient in developing the enterprise application with **Servlets, Struts, Spring Framework modules like Spring IOC, Spring MVC (Model View Controller), Spring AOP, Spring Boot, Spring Security, Spring Data, Spring Integration** and **ORM Frameworks** like **Hibernate.**
* Experience in Analysis, Design, Development, Implementation and Maintenance of applications using Java/J2EE Technologies like **Servlets, JSPs, Hibernate, Spring DI, Struts and JPA** with knowledge of SDLC concepts.
* Excellent experience in developing **RESTful Services** and **SOAP** based **Web Services.**
* Expertise in developing **SOAP** based **Web Services** with **WSDL, UDDI, XML, JAX-WS, JAXB, JAX-RPC** and **Apache Axis.**
* Expertise in **XML** technologies such as **XSL**, **XSLT**, **XML schemas**, **XPath, XForms, XSL-FO** and parsers like **SAX and DOM.**
* Solid understanding of **Service Oriented Architecture (SOA)** and **Micro Services Architecture.**
* Hands on experience in migrating existing Java applications in **AWS cloud** and worked on performance and cost-efficient solutions in AWS cloud to suit application specific needs.
* Experience in working with **Amazon Web Services Elastic Bean Stalk** like **EC2, SQS, S3, Lambda, Elastic Search, Dynamo DB, Elastic Load Balancer (ELB)** and **Docker Container.**
* Experience in developing cloud-based application using **Amazon Web Services, Pivotal Cloud Foundry** and **Spring Cloud.**
* Good understanding on Migrating applications to **Google Cloud Platform**, Off site disaster recovery and archival with **Google Cloud Platform, Hybrid architectures** and multi cloud deployments.
* **Experience** in Design, support and maintain the Splunk infrastructure in a highly available configuration.
* Strong **MySQL** and **MongoDB** administration skills in **Unix, Linux** and **Windows**.
* Experience using **Hibernate** for mapping Java classes with database and using **Criteria API** and **Hibernate Query Language (HQL).**
* Experienced with **SQL ORACLE**, **MongoDB, HTML/CSS**, Java and JavaScript, **JDBC, JNDI, JMS, Hibernate, xml, Unix/Linux, Maven, Git, SPA, Node.js, Postgre SQL, Taglibs**
* Experienced in developing front end applications using **HTML4/5, XHTML, DHTML, CSS2/3(using SASS and LESS), Bootstrap, Angular JS, Angular** and developing dynamic web pages and implementing **React JS** with **Redux and Flux** patterns to attain **MVC** functionality.
* Experience in development, deployment and troubleshooting Web based and enterprise-based applications on **Windows, UNIX and Linux platforms.**
* Hands on experience with build tools like **ANT**, **Maven** and **Gradle.**
* Extensive experience in using different **IDE's** like **Spring Tool Suite, RAD, Eclipse** and **IntelliJ.**
* Experience in using various version control tools like **Visual Source Safe**, **IBM Clear Case**, **SVN**, **CVS** and **Git**.
* **Experience as a Production Support** and technical support for complex/ critical applications and coordinated with other teams to resolve end-user issues promptly.
* Excellent written and verbal communication skills, Analytical, Problem Solving skills, strict attention to detail and ability to work independently and cross functional team environments.
* Good understanding of Business workflow, Business logic and Business methods for further implementation of user requirement in a distributed application environment**.**

**Technical Skills:**

|  |  |
| --- | --- |
| **Languages** | **C, C++, Java, SQL, PL/SQL/Python, Oracle, HTTP** |
| **Enterprise Java** | **JSP, Servlet, JNDI, JDBC, Log4J API, Java security, ReactJs, Postman, swagger** |
| **Mark-up/XML Technologies** | **HTML, JavaScript, CSS, jQuery, AngularJS, Angular, Ajax, XML, XSD, XSL/XSLT, SAX/DOM, JSON, DOJO, GCP** |
| **Tools & Framework** | **Struts, Spring, Spring MVC, Spring Boot, Spring Web Flow, Spring IOC, Spring AOP, Hibernate, Drools, Splunk.** |
| **Web services** | **SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS JAX-WS, Axis2, Micro Services, AWS** |
| **Web/App Servers** | **Web Sphere, Web Logic, Apache Tomcat, JBoss** |
| **Database** | **Oracle, SQL-Server, MySQL server, MongoDB** |
| **Development Tools** | **Eclipse, Spring Tool Suite STS, IntelliJ** |
| **O-R mapping** | **Hibernate, JPA, IBatis** |
| **Version Control** | **GIT, CVS, SVN, Rational Clear Case** |
| **Testing Tools/ Others** | **JUnit, SoapUI, Putty, WinSCP, Mockito** |
| **OS & Environment** | **Windows, UNIX, Linux** |
| **Design Patterns** | **MVC, Front Controller, Singleton, Business Delegate and DAO patterns** |

**Professional Experience:**

**Client: Capital One- Richmond, VA Mar 2023 – Till date**

**Role: Lead Full Stack Java Developer**

**Responsibilities:**

* Experience in handling, configuration and administration of databases like **MySQL** and NoSQL databases like **MongoDB** and **Cassandra**.
* Developed **Angular** custom directives and used Routes and Factory validations in Angular.
* Designed, built, and deployed a multitude application utilizing almost all of **AWS** stack (Including **EC2, S3, Dynamo DB, SQS and EMR**), focusing on high-availability, fault tolerance, and auto-scaling.
* Utilized **Amazon Web Services** (**AWS**) **EC2** to deploy **Docker** containers.
* Designed and developed **Micro Services** business components using **Spring Boot.**
* Developed Front-End UI technologies like **HTML5, CSS3, PHP, JSON, AJAX, Angular, Bootstrap, Tag Libraries, JSTL,** and **Type Script.**
* Strong **MySQL** and **MongoDB** administration skills in **UNIX, Linux** and **Windows**.
* Maintained **Interface** compatibility and **concurrency** in the project using **Java** new features like **Lambda** expressions, **default**, **static methods** and **Concurrency API.**
* **Experience** in Design, support and maintain the Splunk infrastructure in a highly available configuration.
* Developed **REST API's** using **Spring MVC** and **Spring boot**, hosted all **micro services** on **PCF**.
* Experienced in APL tools like **POSTMAN and Swagger.**
* Used **Micro service** architecture with **Spring Boot** based services interacting through a combination of REST and **Apache** **Kafka** message brokers.
* Developed the application with various **Spring Framework** modules like **Spring IOC, Spring AOP, Spring Boot, Spring Security**, **and Spring Batch.**
* Developed the application with the web pages with **Angular** and **Angular JS** in scrolling features
* Used **Spring MVC** framework at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced, and maintenance will be very easy.
* Used **Spring AOP** for solving crosscutting concerns like keeping customer log data and transactions details.
* Developed the persistence layer using **Hibernate Framework** by configuring the various mappings in **Hibernate** files and created **DAO** layer.
* Developing **Spring Boot** application using **Micro Services** architecture with **Spring Eureka** to maintain small and lightweight services and communication between these services are done by using API routes for the entire cluster.
* Designed and integrated the full-scale **Hibernate** persistence solution with the application architecture.
* Good understanding in core tenants to be considered **when designing & deploying to a cloud**.
* Developed custom general use modules and components extending the elements and modules of core **AngularJS**, writes non-blocking code using advanced techniques such as **multi-threading, JavaScript dependency management**
* Worked on **RESTful** Web services as well as **Node** **Rest** framework for backend services used **Mongo DB (NoSQL)** for database services and **RESTful** web services using Jersey for **JAX-RS** implementation.
* Demonstrate exposure with Continuous Integration, Continuous Deployment to **DevOps CI/CD** tool Methodologies.

**Environment: Java, J2EE, HTML5, Agile Methodology CSS3, Ajax, Rest API, Bootstrap, JavaScript, AngularJS, JSP, NodeJS, Hibernate, Spring boot, spring Eureka, OAuth, JAX-RS, GIT, JUnit, Maven, Restful,** **Amazon Web Services (AWS), Micro Services, Mongo DB, WebSphere, JIRA, Jenkins, Spring Tool Suite, DevOps (CICD).**

**Client: Caterpillar Inc- Irving, TX Aug 2022 – Feb 2023**

**Role: Lead Full Stack Java Developer**

**Responsibilities:**

* Developed **UI** application initially using **Angular** and made use of customized components.
* Implemented customer side validations using **Angular** and created services on **UI** for storing and retrieving data from **UI** to the backend.
* Was under migration of the project converting angular components and updating router Modules.
* Developed key services for authorization and authentication in **Node server**, where we used **LDAP**. Later migrated the authentication from **LDAP** to Ping Access-SSO (Single Sign On) Application.
* Created sessions for Login user and setting session timed out for the entire **UI application**.
* Strong understanding on client-side application and very good at attaining the architectural design for **MVC** using directives, **promise**s and **pipes**.
* Implementation of the design wireframe using **Angular** and creating services and exposing it to the backend which runs on **Spring Boot**. Here we also have another layer that makes use of **NodeJS** mainly used for authentication, authorization and session maintenance.
* Ran Log aggregations, website Activity tracking and commit log for distributed system using **Apache Kafka**.
* Involved in innovation of the current **UI** to make an implementation under mobile device access using cross platform technologies such as Ionic which helps in improving the business.
* Involve in development, design and implementation of the **front-end application** using **HTML5,** **CSS3,** **AJAX**, **Bootstrap.**
* Made use of Reactive Forms using **Angular** where most of the **validation** is done using component rather than using template-driven which provides in **HTML**.
* Mainly involved in deployment activities **CI/CD** deployment and familiar with **OSE** (Open shift origin). Also made changes in **Jenkins** Files as per the requirement of the **pipeline**.
* Involved in **web services** design and development. Responsible for creating and consuming web services using REST and XML.
* Implemented **JavaEE** components using **Spring** **MVC**, **Spring** I**OC**, **Spring** transactions and Spring security modules.
* Implemented transaction management using **Spring** **AOP** and used **Spring** Aspects for implementing logging functionalities.
* Worked in integrating **JMS** with **SPRING BOOT** by providing an instance which is embed with Active **MQ.**
* Node Package Manager **(NPM**) was used to list out the right versions of the packages and their dependencies for the project.
* Worked on a project which handles searching algorithms using **Elastic Search** which is mainly used for pulling analytics related information using the keywords entered by the end user.
* Authenticating Users and to provide the security to **RESTful web services** using OAUTH 2.0.
* Integrated the ORM Object Relational Mapping tool **hibernate** to the **spring using Spring ORM** in our app and used spring transaction API for **database** related transactions.
* Configured JPA to use Hibernate as **ORM tool**.
* Extensively used **Spring IOC** configured Application Context files and performed database object mapping using Hibernate annotations.
* Implemented **Spring Validators,** persistence layer, and **service layer** components using Spring/Hibernate **API** and **Spring**/**Hibernate** annotations. Extensively used Hibernate QL.
* Created persistence layer using Hibernate for sending and retrieving data from the database.
* Developed test cases for each component in different panels using **Junit,** reported and deployed using **Jenkins**.
* Worked with Jenkins Continuous Integration and Continuous Deployment **(CI/CD**).
* Designed and developed the **framework** to consume web services hosted in Amazon EC2 instances.
* Building cloud **Micro services** and implemented back-end using Spring Boot. And Authored application using Spring Cloud services.
* Verified data integrity on Apache Cassandra cluster while batch loading.
* Used **Apache Kafka** in cluster as messaging system between APIs and **micro services** and worked on **Splunk, SPL** (Search process language) queries, reports and logging using Log4j.
* Used **Docker** Container to address every application across the hybrid cloud and **Docker** for better collaboration and innovation.
* Designed, configured and deployed **Amazon** **Web Services** (**AWS**) for a multitude of applications utilizing the **AWS** stack (Including EC2, S3), focusing on high-availability, fault tolerance, and **auto-scaling**.

**Environment: Java, JavaScript, HTML5, CSS3-LESS, AJAX, Bootstrap, Spring Security, Rabbit MQ, Node JS, Express JS, HTML5, Bootstrap, Site Minder, Hibernate4.x, OIDC, Jenkins, Log4j, MongoDB, Mongoose Connector, Oracle, JBoss, Elastic search, EBS, Elastic Load Balancer, Docker, Apache tomcat, Mockito, Junit, mock MVC, Kubernetes.**

**Client: Scadea Software Solutions Pvt Ltd Sep 2019 – Nov 2021**

**Role: Sr Software Developer**

**Responsibilities:**

* Involved in design, development, testing and implementation of the process systems, working on iterative life cycles business requirements, and creating Detail Design Document.
* Using agile methodologies to plan work for every iteration and used continuous integration tool to make the build passes before deploying the code to other environments.
* Web application development for backend using **ReactJs** with cutting edge **HTML** and **CSS3** techniques.
* Implemented Single Page Design and customized directive and filter criteria by using **React JS**.
* Modified existing applications to a suite of **micro services** and all micro services to facilitate deployment using Spring Boot and **Junit** and Power Mock **frameworks** for **unit testing**.
* Developed code for Responsive web design in **JavaScript** using **ReactJs**.
* Involved in daily **SCRUM** meetings to keep track of the project status.
* Developed various single page applications (SPA) using ReactJs and used various predefined components from NPM (Node Package Manager) and **redux** library.
* Developed crypto rest services using **NodeJS** and integrated services with HSM (Hardware Security Module).
* Implemented modules into **NodeJS** to integrate with designs and requirements and used NodeJS Express

Framework.

* Used **Spring MVC** and Dependency Injection for handling presentation and business logic.
* Implemented persistence framework using **Hibernate**& Handled Transaction Management using the provided data source.
* Involved in migrating monolithic application in **Micro Services** Architecture and Developed Micro-services using
* Pivotal Cloud Foundry platform build upon **Spring Boot** Services.
* Responsible for designing **Hibernate** mapping files based on business logic and Object relationships.
* Established Database Connectivity using JPA, **Hibernate** O/R mapping with Spring Data ORM for Oracle.
* Implemented SOA architecture with **Web Services** using **SOAP, WSDL, UDDI** and **XML** using Apache CXF framework and worked on parsing the XML files using **DOM/SAX** parsers.
* Created **tables, triggers, PL/SQL Stored Procedures, SQL queries, Joins**, i2ntegrityconstraints and views for IBM DB2.
* Used Multithreading in programming to improve overall performance using Singleton design pattern in Hibernate Utility class.
* Implemented **Restful** and **SOAP** based **Web Services** and used **Soap UI** for testing.
* Used Spring **JMS** module for lookup for the queues and MDBs for the listeners.
* Involved in Unit Testing of various modules by generating the Test Cases.
* Involved in day to day handling of **JIRA** issues (production issues at time) that involved data inconsistencies that required to be solved in very less time.
* Used Jenkins as build management tool for continuous integration process and **GitHub** as Version Control tool.
* Involved in Bug fixing of various modules that were raised by the testing teams in the application during the Integration testing phase.

**Environment: Java, J2EE, HTML, CSS, JavaScript, jQuery, ReactJS, Node JS, JSP, JSTL, spring (IOC, MVC, Security), Hibernate, XML, XSD, SOAP UI, Web Services, Restful, SOAP, JAX-RS, JAX-WS, WSDL, JUnit, Web Logic, Jenkins.**

**Client:** **MediaMint- India Jul 2017 – Sep 2019**

**Role: Sr Software Developer**

**Responsibilities:**

* Extensively used **UML and Rational Rose** for designing to develop various use cases, class diagrams and sequence diagrams. In Phase Two, worked closely with the **Back-End team** to display data using the **Custom Components, library Components**.
* Extensively used **Git**for version controlling and regularly pushed the code to **GitHub.**
* Used **JIRA** as the bug tracking system to track and maintain the history of **bugs/issues** on everyday basis.
* Interacted with **Testing Team**,**Scrum Masters** and **Business Analysts** for fixing of IssuesUsed JavaScript for client-side validations, and AJAX to create interactive front-end GUI.
* Moving existing monolithic architecture to micro services and migrating them to AWS cloud
* Developed application using **Spring MVC architecture**.
* Used various **Java, J2EE APIs including JDBC, XML, Servlets** and **JSP.**
* Designed and developed web pages using **Servlets and JSPs** and also used **XML/XSL/XSLT** as repository.
* Involved in developing the customer form data tables. Maintaining the customer support and customer data from database tables in **MySQL database**.
* Involved in mentoring specific projects in application of the new SDLC based on the **Agile Unified Process**, especially from the project management, requirements and architecture perspectives.
* Designed and developed Views, Model and Controller components implementing **MVC Framework**.

**Environment: Java, J2EE, JDBC, Servlets, JSP, XML, XSL, CSS, HTML, DHTML, Java Script, UML, Eclipse, Tomcat, MySQL.**

**Client: Netcracker - India Apr 2014 – Jul 2017**

**Role: Software Developer**

**Responsibilities:**

* Developed java scripts for all client-side validation and developed User Interface (GUI) using **JSP, CSS, JSTL, and XSL**.
* Responsible for analysis, design, development and integration of UI components with backend using J2EE technologies such as **MVC framework, Servlets, JSP and JDBC for database connectivity.**
* Worked on **Agile Methodology** to meet timelines with quality deliverables.
* Implemented the presentation layer using **Struts MVC framework**.
* Creating HTML Web pages utilizing **JavaScript and CSS.**
* Developed client user interface using **JSPs and Servlets.**
* Used Version Control Tool **SVN** to perform Checking-out and Checking-in of codes from the repository.
* Developed user interface using **JSP, HTML, CSS**, and JavaScript to simplify the complexities of the application and worked on **XML** parser and **XML** beans as well.
* While using spring as Application-Level Framework, **hibernate** is used as persistence Framework.
* Design and implementing Model view controller (**MVC**) architecture using spring framework.
* Wrote Hibernate classes, **DAO's** to retrieve & store data, configured **hibernate files**.
* Used **Jenkins** Jobs for build automation to compile and generate EAR and WAR files.
* Jersey implementation of **JAX-RS** is utilized to develop RESTful Web services.
* Involved in creating and extracting data from database using **SQL Queries, PL/SQL Stored procedures, triggers, and packages on Oracle database.**
* Assisted **Oracle DB** development team in developing stored procedures and designing the database.
* Used **Maven** for build, cruise control is used continuous building.
* Used **SVN** as version control system for source code and project documents.

**Environment: JDK, Java, Struts, Hibernate, Web Services, Servlets, JSP, JDBC, XML, JavaScript, Core Java, ANT, MAVEN, AJAX, CSS, Oracle, Web Logic, UNIX, PL/SQL Developer, JUnit, Agile, Eclipse IDE.**

**Client: Fint Solutions - India Jun 2012 – Mar 2014**

**Role: Jr Software Developer**

**Responsibilities:**

* Designed and developed **UML** Diagrams, Use cases, Class, Sequence and activity Diagrams.
* Architecting and designing of using Flex for creating Front End and **Java** for server side to process business logic.
* Developed user interface with JSP and used JSP Tag libraries to simplify the application complexity.
* Identified and resolved programming issues, Servlets and EJBs performance tuning opportunities.
* Developed Service **(EJB)** components for middle tier component implementation and implementation of business logic and Inter communication between components is developed by using XML.
* Migration of **Web Sphere** application server to **Tomcat** application and used **Eclipse IDE** and deployed the application on **TOMCAT** server.
* Developed dynamic and interactive we based applications using **HTML**, **CSS** and **JavaScript** languages.
* Implemented Persistence layer using **Hibernate** to interact with the MySQL database and performed CRUD operations.
* Used web logic as the app server for deploying the applications and Used **JDBC** as the data access layer connecting to Oracle DB.
* Configured the **XML file** for spring security injection to ensure the back-end security by discriminating the role of users as well as access authority for the URIs and server-side assets.
* Implemented **Spring MVC**, which includes writing Controller classes for handling requests, processing form submissions and performed validations using Commons validator.
* Involved in developing interface for web pages like user registration, login, registered access control for users depending on logins using **HTML and** **JavaScript/DOJO**.
* Created and consumed **SOAP based Web services** and used SOAPUI to send and receive XML data and Worked with JMS Queues for sending messages in point-to-point mode.

**Environment: Java, Servlets, JSP, JMS, Struts, HTML5, CSS, Java Script, Oracle 10g, Junit, SOAP, SOAPUI, XML, BEA web logic, SQL, Hibernate, Spring, Oracle 11g.**

Education:

Master of science in CIS. Dec 2023

ASU, Lorman, MS

Bachelor of technology in ME. May 2012

JNTU, Hyderabad, India