**Professional Summary:**

* **Having 9+ years** of rich industry experience in application developmentusing **Java/J2EE, Spring/Spring Boot, Web Frameworks (Angular, React), XML and Web Services (REST API)** by implementing Business Intelligence and analytical solutions with Data Analysis, Data modelling with design and Documentation with applications.
* Experience in developing web applications using JSP, **Spring Boot**, Spring MVC Frameworks, EJB, Hibernate, **Spring Security**, **JBOSS**, **JDBC, Java Server Pages**, Servlet, Web Services, **JavaScript,** JavaBeans
* Experience with **Version Control Systems like Subversion (SVN), Git, and VSS**.
* Developed AJAX functionalities using frameworks like **JSON, POJO, Ext Js and jQuery**.
* Experience in developing applications using Core Java, J2EE, JSP, Servlets, Struts, Spring 3.2, Spring 4.0, Hibernate, Web Services **(SOAP, REST), JAX-RS, JAX-WS, JMS, JDBC, XML, JavaScript, Angular, JSON**, Ajax and jQuery.
* Expertise in designing and developing Web-centric applications using HTML5, CSS3, Java Applets, JavaScript, **XML, JSON, Ajax, jQuery, Bootstrap, AngularJS, NodeJS, ReactJS**, Tag Libraries, Google Web Toolkit (GWT) and Custom Tags.
* Performed deployment and support of cloud services including **Amazon Web Services** (**AWS**) and **Google Cloud Platform (GCP)**
* Experience with **CI CD pipelines** to integrate the Java code to align with DevOps practices using **Docker**.
* Expertise in **Core Java** Such as OOPs, Collections, Exceptions Handling, Input/output (I/O) System, Swing, Annotations, Multi-Threading, Lambda and Generics.
* Good knowledge of in Unified Modeling Tools (**UML**) concepts and extensively worked in designing Use Cases, Class diagrams, Sequence and Object Diagrams using Rational Rose and Microsoft Visio.
* Expertise in unit-testing with tools **like JUnit**, **Mockito**, Spock, **TestNG** and Integration testing tools like Selenium Web Driver, Cucumber (Behaviour Driven Development testing).
* Hands on experience in developing server-side **JavaScript** frameworks using **Node JS** to build event driven, non-blocking i/o model **web application**
* Experience in integration tools like **Spring Integration**, **Mule ESB**, **Apache CXF**, **Apache Kafka** and **Apache** Camel to integrate the enterprise application technologies with existing **JVM environment**.
* **Developed** Technical Design **(TD),** Test Plans **(UTP),** Test Cases **(UTR), Test Scripts for UAT tests**
* **Proficient in** SQL, PL/SQL **developed Stored Procedures, Triggers, Functions and Packages besides writing** DDL, DML **and Transaction queries with development tools like** TOAD **and** Rapid SQL **on** MySQL, SQL Server **and** Oracle.
* Implemented Kafka producer and consumer applications on Kafka cluster setup with help of zookeeper.
* Worked extensively with API Management product of Apigee edge in consuming the API’s in implementing customer use cases.
* Deployed Docker contained spring boot **Micro services** in to AWS EC2 container service using AWS admin console and used lambda to run applications in AWS console.
* **Design and implementing Using XML/JSON processing/transforming using** Java API’s
* Good Exposure in end to end implementation of **CI CD (Continuous Delivery),** DevOps processes using **AWS** Code Commit **AWS Code** Deploy, AWS Code Pipeline, Jenkins, and Ansible.
* Good experience in developing ExtJS applications with extensive server calls using AJAX and strong hold in handling the server data and exceptions to provide interactive user experience
* Expertise in implementing Service Oriented Architecture (SOA) using Micro services, SOAP/RESTful web services and JMS.
* Worked extensively with Waterfall, Agile Extreme Programming (XP), SCRUM Methodologies.
* Excellent analytical, problem solving and interpersonal skills. Ability to learn new concepts fast. Consistent team player with excellent communication skills.

**Technical Skills**

Languages : **Java, Python, C, C++, SQL and PL/SQL.**J2EE Skills : **Servlets, JSP, JDBC, JNDI, JPA, JMS, JAXB, JSTL, J2EE Design Patterns,**

 **SOAP and RESTful Web services.**

Web Technologies : **HTML, JavaScript, Angular , React.JS, Ext JS**
Frameworks : **JSF, Spring Frameworks**
Design Patterns : **MVC, DAO Pattern, Singleton Pattern, Front Controller, Factory Pattern.**
Database/Tools : **Oracle 9i/10g/11g, IBM DB2, SQL** **Server 2008/2012, TOAD, Hibernate.**
Web/App Server : **Apache Tomcat, WebLogic, IBM Web Sphere, JBoss**IDE/Tools : **Eclipse, Net beans, WebLogic Workshop, ANT build script, Maven build.**

Methodology : **OOAD, Agile, SDLC and UML.**

Operating System : **Solaris, Linux, Windows and MS-DOS.**Version Control : **CVS, Subversion, GitHub, Clear Case, VSS, MS Visio.**

**Education Details:**

* **Master of Science in Information Technology, Clark University- USA**
* **Bachelor of Technology in Electronics and Communication Engineering, Gandhi Institute of Technology & Management University- India**

**Professional Experience:**

**Client:** **BlackRock-** **New York, NY Mar 2023 - Till date**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Driving the technical design of the application by collecting requirements from the Functional Unit in the design phase of **SDLC**.
* Developed the framework based on **Struts MVC** Architecture with **Spring Dependency Injection**.
* Creating requirement documents and design the requirement using **UML diagrams, Class diagrams**, **Use Case diagrams** for new enhancements.
* Developed the Application Module using several **design patterns** like Singleton, Factory, DAO, DTO, Business Delegate, Composite View and MVC.
* Used **JBoss** application server deployment of applications.
* Developed communication among **SOA** services using **XML schema**.
* Designed the user interface of the application using **HTML5, CSS3, Typescript, AngularJS, JQuery, AJAX and Node JS**.
* Implemented a metrics collection mechanism for the server by utilizing **Apache Kafka** to stream server-side events.
* Deployed Docker contained spring boot **Micro services** in to AWS EC2 container service using AWS admin console and used lambda to run applications in AWS console.
* Developed Static and Dynamic pages using **JSP and Servlets.** Spring Boot Micro Services were developed using Micro Services architecture with RESTFUL and Apache Kafka.
* Configured **Spring** to manage **Action classes** and set their dependencies in a Spring context file and integrated middle tier with Struts.
* Maintained **Interface** compatibility and **concurrency** in the project using **Java** new features like **Lambda** expressions, **default**, **static methods** and **Concurrency API.**
* Used **Nodejs** to run Grunt tasks and build properly the project (compile, minify, concat etc.)
* Implement modules into **Node JS** to integrate with designs and requirements.
* **Core Java** such as **multithreading**, **Collection** and **Arrays** concepts to develop and application implementations.
* Used **Spring Boot** which is radically faster in building cloud Micro services and develop Spring based application with very less configuration.
* Used **Hibernat**e Persistence Strategy to interact with database.
* Used **DAO** pattern to retrieve the data from database.
* Worked with **Session Factory, ORM mapping, Transactions** and **HQL** in Hibernate framework.
* Implemented a security module in **AngularJS** which integrated with the **Spring security** in the backend with **Authentication** and **Authorization.**
* Worked with the **NoSQL** Database **Cassandra** to manage extremely large data sets.
* Used **Web Services** for sending and getting data from different applications using **Restful**.
* Wrote client side and server side validations using **Struts** Validators and **Java Scripts** Validations.
* Created and managed development and continuous integration environments automated through **Jenkins** using Perl Script.
* Configured maven profiles and Jenkins jobs to enable deployments to Pivotal Cloud Foundry PaaS environments.
* Writing **stored procedures, complex SQL queries** for **backend operations** with the database.
* Followed **Agile Methodology (SCRUM)** to satisfy the customers and wrote Junit test cases for unit testing the integration layer.
* Experience in Designing, Architecting and implementing scalable cloud-based web applications using **AWS**.
* Develop the **Shell scripts** to automate the data configuration and data transfer between different environments.
* Devised logging mechanism using **Log4j**.
* Creating tracking sheet for tasks and **timely report generation** for **tasks progress.**
* **Code review,** review its effectiveness, defect tracking, defect solving.
* Analyzing bugs, production problem and assigning it to offshore team members.

**Environment**: Java, J2EE, Core Java, Multithreading, HTML5, CSS3, Typescript, JDBC, JSP, Shell script, AngularJS, Servlet, Node JS, AWS, UML, Micro services, Spring Framework, Hibernate, Kafka, Cassandra, NoSQL, Spring Boot, XML, Maven, Jenkins, Perl, Oracle 11g, JBoss, SDLC methodologies, Log4j, Splunk, Rational Application Developer 7.0, JUnit, GIT, Restful, Eclipse IDE.

**Client: FactSet-India Mar 2021- Aug 2022**

**Role: Software Developer**

**Responsibilities**:

* Implemented application level persistence using Hibernate and spring.
* Using Restful services sent HTTP requests to the Server, retrieved the JSON format data, and parsed it.
* Developed UI to display distance & ETA using Google API.
* Developed Payment integration using Stripe API, Rating System & Support for the app.
* Implemented Client-side validation for the app.
* Implemented the Connectivity to the Data Base Server Using JDBC.
* Experience in developing web application for pull up using JavaScript frameworks like ReactJs, Node JS.
* Experience worked on google cloud platform (GCP) services like Compute Engine, Cloud Load Balancing (ELB,

 ILB), GKE, Storage, Stack driver, IAM, Networking services, Disks, VPC, Pub/Sub, Cloud NAT.

* Good understanding of NoSQL Database and hands on work experience in writing application on NoSQL

 database which is Mongo DB.

* Used Web Services (SOAP) for transmission of large blocks of XML data between two interfaces.
* Installing and Configuring Eclipse and WebSphere application Server.
* Deployed the applications on IBM WebSphere Application Server.
* Implemented CI CD pipelines using Jenkins and build and deploy the applications.
* Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Setup GitHub and use of Git bash for code submission in GitHub repository.
* Created Typescript reusable components and services to consume REST API's in ReactJs.
* Developed test cases and performed unit test using JUnit Framework.
* Hands-on experience with relational and NoSQL databases.
* Deployed Docker contained spring boot **Micro services** in to AWS EC2 container service using AWS admin console and used lambda to run applications in AWS console.
* Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Designed and developed the application using agile methodology and followed TDD, Scrum.
* Analyzed the Maven dependency management in the base code to annotate the dependencies on to

 Spring Boot application into Gradle for Micro Services.

* Implemented API controllers (SOAP and REST) and web services client classes to interact with downstream systems.
* Deployed and Monitored Micro Services Using Pivotal Cloud Foundry, also Managed Domains and Routes with the Cloud Foundry.
* Used SAX and DOM parser to parse the XML documents and XSLT for transformations.
* Analyzed business requirements and documented them into business stories in JIRA
* Based on Service Oriented Architecture (SOA) using AXIS web service framework.
* Used Java Messaging Services (JMS) for reliable and asynchronous exchange of important information
* Involving in Building the modules in LINUX environment with ant script
* Writing and Optimizing MySQL Queries and connect queries to story.

Environment: Java, AWS, Micro Services, Spring, DB2, CRUD, PL/ SQL, JDBC, Android SDK, Android Studio, Apache CXF, GitHub, ReactJs Junit, Scrum, UML, JSP, JSTL, Servlet, Maven, XML, JIRA, Web 2.0, SOA, JMS, Apache Tomcat, LINUX.

**Client: Euroclear Finland- Helsinki, Finland Nov 2017 - Feb 2021**

**Role: Software Developer**

**Responsibilities:**

* 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.
* 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**.
* 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 4.0.**
* 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**.
* Worked on **Kubernetes** cluster as a part of deployment activity. Familiar with Open Shift commands mainly for deployment. Also created xml files for using a swagger **API** within **UI**.
* Involved in **webservices** 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.
* Implemented **PL/SQL** queries and used **Oracle** **stored** procedures.
* Written Stored Procedures using **PL/SQL** and functions and procedure for common utilities using Oracle11g and **MySQL.**
* Developed and **configured JMS** components in **WebLogic** Application Server.
* 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 S**plunkSPL** (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**.
* Configured AWS EC2 instances, **domain** mapping via **Route53**

**Environment**: JavaScript, HTML5, CSS3-LESS, AJAX, Bootstrap, jQuery, Spring Security, Rabbit MQ, Node JS, Express JS, HTML5, Bootstrap4.0, Site Minder, Hibernate4.x, OIDC, Eclipse Java EE, Jenkins, Log4j, Mongo DB, Mongoose Connector, Oracle, JBoss, Elastic search, Logstash, EBS, Elastic Load Balancer, Docker, Apache tomcat, Mockito, Junit, mock MVC, Kubernetes.

**Client: Tata Consultancy Services- India Jun 2015 - Nov 2017**

**Role: 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 Issues
* Used 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: Nutcracker, India Jun 2014 – Jun 2015**

**Role: Jr 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 Database** 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.