**PROFESSIONAL SUMMARY:**

* **Around 11 experience** in **Java** **Development**, **Java/J2EE** frameworks and **Manual/Automation testing of Web apps and windows apps** with specializing in **Software Quality Assurance Testing.**
* Extensive experience in application development, including requirement gathering and analysis, functional specifications, interface design, feature coding, and final integration and deployment.
* Significant expertise in modern technologies and tools such as **Java EE, Spring, Spring boot, Microservices, Hibernate, MySQL, Oracle, MongoDB, AWS.**
* Proficient in working with web application's **UI testing frameworks** such as **Karma, Jasmine, Protractor for Angular JS, Mocha and Chai for React JS and Backbone JS.**
* Developed multiple **Angular components** which are compatible with latest versions of **typescript, Angular CLI.**
* Strong experience in developing **Single Page Application (SPA), using MEAN (Mongo, Express, Angular and Node) stack.**
* Good understanding **Core Java SE** concepts like **Streams API, Time API, Functional Interfaces, Multithreading, Transaction Management, Exception Handling, Lambda functions, Generics and Collection API.**
* Good knowledge on working with **Relational database ORM frameworks like PostgreSQL, MySQL, DB2, Oracle 13c/11g and NoSQL DB (Mongo DB).**
* Expertise to interact with **ORM frameworks** like **Hibernate, Spring Data, iBatis and JPA**.
* Experience on **NoSQL based ORM frameworks**like**Mongoose Connector and Cassandra Node Driver.**
* Experience in developing **enterprise applications** using **frameworks** like**Spring, Struts, Servlets, JSF (Prime Faces).**
* Experienced in developing and executing **Manual** and **Automated tests** in different platforms using **Java** and the **Selenium** Web Driver /GRID.
* Excellent understanding of **Test Methodologies** and the overall **Software Development Life Cycle (Waterfall and Agile model)** from requirements to product release.
* Proficient in implementation of **spring frameworks** like **Spring MVC, Spring IOC, Spring REST, Spring AOP, Spring transaction Management, Spring Data, Spring DAO, Spring Batch, Spring Security and Spring Boot.**
* Worked on **micro services**-based architecture using **Spring Boot interacting** through **REST API.**
* Worked with **WSDL in implementing SOAP services using Axis-2 and Apache CXF Framework**.
* Experience in **messaging queue services** like **IBM MQ. Rabbit MQ, Active MQ and Apache Kafka.**
* Solid experience **in Apache Subversion** (**SVN**) and **Jenkins** and **Bamboo** Continuous Integration Server. **integration testing** of the applications using **Selenium** and **behavioural testing** using **Cucumber**.
* Worked on projects implementing **RESTful services (JAX-RS, Spring Boot), SOAP (JAX-WS, Apache CXF, WSDL, Apache Axis2) and configured using Swagger and WADL.**
* Hands on experience with **design patterns** like **MVC, Business Object, Value Object, Singleton, Factory Pattern, Business Delegate, Session Facade, Service locator, Front Controller and DAO pattern.**
* Authenticated Users accessing **RESTful services using OAuth 2.0, OID, OIDC and JWT (Jason Web token).**
* Used**AWS Amazon web services EC2**to run applications and workloads**.**
* Used **AWS Amazon web services** cloud formation templates and **AMI** to recreate instances
* Experience in using **Log4J**, and Version Control using **SVN, Git Hub, Clear Case**and**CVS**.
* 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**.
* Hands on experience in Node.JSbackend, using express to build the high concurrency, async web server.
* Proficient in **RDBMS** concepts and worked with **MySQL, Oracle, PostgreSQL, DB2**and NoSQL database such as **MongoDB**
* Experience in using **Log4J**, and Version Control using **SVN, Git Hub, Clear Case**and**CVS**
* 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, PL/SQL, Python |
| **J2EE Technologies** | Spring, Struts, Hibernate, Junit, Log4J, Node-JS, Spring Boot, REST Web Services, SOAP, Spring Boot, Micro Services, ActiveMQ, RabbitMQ, JAX-RS, JAX-WS, REST API |
| **Web Technologies** | HTML5, CSS3, JavaScript, ECMAScript, JQuery, Bootstrap,Angular, AngularJS, ReactJS, Node.js, ExpressJS, XML, AJAX, SOAP, REST, JSON |
| **Design Patterns** | Singleton, Session façade, Front Controller, MVC, DAO, MVVM |
| **IDE’s & Tools** | Eclipse, MyEclipse, IntelliJ, TOAD, Postman, SOAP-UI, Maven, Maven 2, ANT, Jenkins, Firebug, Jira, Bitbucket, CICD, |
| **Application Servers** | Websphere Application Server (WAS), JBoss |
| **Version Controls** | SVN, Perforce, Git-Hub |
| **Cloud Technologies** | AWS (EC2, S3, IAM, Lambda), DevOps |
| **Web Services** | SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2, Micro Services, AWS (Amazon Web Services) |
| **Databases** | MySQL, PL/SQL, MongoDB, NoSQL, Oracle 11g |

**PROFESSIONAL EXPERIENCE:**

**Client: Hudson’s Bay, NYC NY July 2023-Till date**

**Role: Lead Full stack Java Developer**

**Responsibilities:**

* Developed the User Interface using **HTML5**, **CSS3**, **JavaScript**,**JQuery**and enhanced response using**twitter Bootstrap**and**Angular JS.**
* Built an ecommerce application in Java/J2EE using Spring MVC framework.
* Designed, developed a custom, single-page, responsive web application on front end using **AngularJS**.
* Implemented **Micro-Services** based Cloud Architecture using **Spring Boot**.
* Created and Configure **Micro services architecture** for **CDT Directory** project and integrated with **AngularJS** application.
* Build Restful API web services using**Node JS**and **Express JS** and used a full complement of **Express, Angular JS, NodeJS, and Mongo DB** to store and present assessments.
* Worked on Proof of Concept for developing application using **Node JS** and Mongo DB
* Developed **RESTful Web Services**with **JAX-RS** using **Spring Boot** and **Micro Services Architecture.**
* **Spring Batch** is used for Batch processing with which notifications are sent in timely manner.
* Designed and implemented application using **Spring Boot, Spring MVC, Spring IOC, Spring Batch, Spring Annotations, Spring AOP, Spring Transactions, Spring JDBC.**
* Implemented Batch jobs using **Spring Batch**created various item readers, item writers and item processors.
* Used **Java8**features in developing the code like **Lambda expressions, creating resource classes**, fetching documents from database.
* 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**.
* Used design patterns like **Singleton, Data Access Objects, Factory**and**MVC patterns**.
* Implemented the **authentication** and **authorization** of the application using **Spring Security** and **OAuth.**
* Developed **JAX RS**and **Jersey**Container for http **REST Calls**and **web services** using all formats of data for Transmission like **JSON, XML, TEXT**and others.
* Developed **Restful**Web services for transmission of data in **JSON**format.
* Exposed **APIs**both as **REST** **Apigee** Platform.
* Used**JAVA** featureslike**Lambda Expressions, Parallel Streams**and**functional interfaces.**
* Implemented **Core Java** concepts like **Multithreading, Concurrency, Exception Handling and Collections**wherever necessary in the application.
* Converted **JAVA** files to **Groovy**.
* Developed and executed software systems utilizing **JavaScript**and **Groovy**.
* **Spring beans** were used for controlling the flow between **UI** and **Hibernate.**
* Developing scripts for build, deployment, maintenance and related tasks using **Jenkins, Docker**.
* Developed **AWS S3**to copy project artifact into **S3**bucket.
* Deployed the application on **Amazon Web services (AWS)** and used it to provide a large computing capacity for scalable solutions.
* Responsible for **Continuous Integration (CI) and Continuous Delivery (CD)** process implementation using **Jenkins** along with **UNIX** Shell scripts to automate routine jobs.
* Created and configured the continuous delivery pipelines for deploying **micro services** and **lambda functions** using **Jenkins** **CI** server. Achieved Dependency injection by creating **spring** services, Spring Dynamic Modules (**OSGI**), **spring** controllers and **DAOs** to wire objects of business classes.
* Used **MongoDB** as data storage and utilized aspects like replica sets, sharing and clever document design to make service extensible scale and feature wise.
* Used **Eclipse**as IDE to develop the application and followed the standard features for debugging and running.
* Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system
* **Log4J** was used to monitor the error logs and used **GIT** as version control tool
* Followed the **Maven** build life cycle to build the application and deployed into **WebSphere** application server.
* Followed **Agile** Methodology (**Scrum**) to meet customer expectation, timelines with quality deliverables.
* Developed test cases and performed unit testing using **JUnit**

**Environment**: Java, J2EE, HTML5, CSS3, Java Script, JQuery, Angular, AngularJS, NodeJS,AWS, Micro Services, Mongo DB,Spring, Spring boot, Hibernate, MVC, Web Services, APIGEE, MAVEN, WebSphere, RAD, JUnit, JMS, log4j, Mongo DB, REST Client, Jenkins, UNIX, JIRA, Git.

**Client: Scotiabank, Canada July 2022 – June 2023**

**Role: Lead Full stack Web Developer**

**Responsibilities:**

* Gathered client requirements and designed features and functionality for different modules.
* Prepared Business Use-Case Analysis based on different Data models.
* Designed and Developed wireframes for UIs and webpages using **JavaScript, HTML, CSS**.
* Develop design documents, user guides, maintenance documents, project documentation, and release documents.
* Integrated ServiceNow with third party applications using **REST** web services, **WSDL**, and transform maps.
* Developed a **Micro Service** Oriented application with **React JS** in the front end and Spring Boot services.
* Developed and implemented views using **HTML5, CSS3/LESS**, **Bootstrap,** **AJAX**.
* Worked on responsive design and developed a single **ISOMORPHIC responsive website** that could be served to desktop, Tablets and mobile users using **React.js**.
* Worked with **React JS** to build Bootstrap components for responsive UI Objects and linked with API data to view render the virtual DOM dynamically.
* Implemented various screens for the front end using **React.js** and used various predefined components from **NPM (Node Package Manager)** and **redux library**.
* Used React**Router**to create a **Single Page Application**(SPA) which can bind data to specific views and synchronize data with server.
* Implemented **flux pattern** by using **redux framework** as a core dependency.
* Used **Redux Framework architecture** (like **Reducers, Containers, Saga**) for integrating the data with React-Native Application and created and used **Reducers** to modify **Store** State Tree.
* Pleasant Experience in **React.js** for creating interactive UI's **using One-way data flow, Virtual DOM, JSX, React Native concepts.**
* Performed Unit testing on applications using tools **Mocha** and **Chai** to test **React JS** components.
* Used the fundamentals of **Java** like parallel streams and filters through **lambda expressions** to handle the searching.
* Developed **Restful** web services using **JAX-RS** in **JERSY** to expose the data to Spring module.
* Used complete **annotation driven**approach to develop the application using **Spring Boot**and was also involved in setting up the **Spring bean profiling.**
* Developed and deployed **Micro Services** based applications using **Spring Boot and Spring Cloud.**
* Expertise in using **Spring Security Module** by utilizing its **Site Minder, OAuth 2.0 Configuration, OpenID Connect for Enterprise Application Authentication and Authorizations.**
* Used **Spring IOC** for specifying the dependencies of the objects using dependency injection.
* Implemented **ORM frameworks** such as **Spring Data.**
* Used **WADL** (Web Application Description Language) for modelling the resources. implemented transaction management in the application by applying **Spring AOP** Framework.
* Used **Hibernate** as the **Object-Relational Mapping (ORM)**tool to access the persistent data.
* Worked with **spring batch**to convert xml files to data base records.
* Developed Mean Stack from scratch including **Mongo DB server (Mongoose Connector)** setup and **Express JS server development**.
* Used a highly durable messaging system called **Apache Kafka** for asynchronous exchange of vital information between multiple business applications.
* Deployed and Monitored **Micro Services** Using **Pivotal Cloud Foundry** and managed Domains and Routes with the **Cloud Foundry**.
* Published message services using **Spring AMQP’s Rabbit Template** and subscribes to the messages on a POJO using Message Listener Adapter.
* Worked with **Jenkins** Continuous Integration and Continuous Deployment (CI/CD).
* Creating, managing, and performing container-based deployments using **Docker images** containing Middleware and applications together.
* Deployed the **drools** rules as a service in **J2EE** stack environment.

**Environment:** JavaScript, React JS-Redux, HTML5, CSS3-LESS, AJAX, Bootstrap, jQuery, Spring Security, Rabbit MQ, Spring Data, Spring Batch, Quartz Scheduler, Hibernate, Microservices, Restful services, Eclipse Java EE IDE, Jenkins, MySQL, Spring Data, Spring AOP, Spring Transaction Management, Spring Batch, RESTful Services, Swagger, Docker, IBM MQ, Kafka.

**Client:Covalense digital, India Oct 2020 – June 2022**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Developed dynamic web pages using **HTML5, CSS3, jQuery, Bootstrap, CSS3 (SASS)**and**AJAX.**
* Worked with **Angular JS Controllers**, **Directives**, **Services** and **filters** for application functionality.
* Used many **Angular JS directives** which allow developing many custom and reusable **HTML** for data binding and behaviour of components.
* Used **Angular JS** to create views to hook up models to the **DOM and synchronize data**with server as a **Single Page Applications**.
* Used **Backbone JS** to utilize its rendering functions and create controllers to handle events triggered by clients and send request to server.
* Utilized Core Java concepts like **Collections, Multithreading**and**Exception handling** to develop business components.
* Used **Multithreading** in programming to improve overall performance using Singleton design pattern in Hibernate Utility class.
* Developed application on **Spring framework** by utilizing its features like **Spring Boot, Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring Web flow using MVC.**
* Used **Spring Core** for configuring and using the **spring beans** in the application.
* Developed **RESTful services** based on **Spring REST** using **Jersey framework**.
* Developed several **RESTful API web services** which produces both **XML** and **JSON** to perform tasks, leveraged by both web and mobile applications.
* Documented the **REST API’s** using **Swagger2** API for briefing the services involved in the application.
* Involved in architecture, build and maintenance of highly available secure multi-zone **AWS** cloud infrastructure.
* Migrating an **IBM** **Sterling** File Gateway based on-premises legacy application to **AWS** using **AWS** CloudFormation.
* Troubleshooting user connectivity and access to remote resources via **ACL**, **Firewall** policy and **VPN** configuration.
* Automated the notification system for over 1 million file transfers **to** **S3** using **AWS** **Lambda** functions.
* Create and maintain fully automated **CI/CD** pipelines for code deployment using **Jenkins** and **GitLab**.
* Used **Spring framework** with **Hibernate** to map to **Oracle database** and mapped using Hibernate Annotations.
* Implemented **ODBC** which is used for connecting to the **database Oracle**.
* Provided support for all core web services technologies including **Web Service Description language (WSDL).**
* Integrated testing methods implemented by using **Karma** and **Jasmine**.
* Good Experience with **Continuous Integration**and **Continuous Delivery**by using tools like **Jenkins.**
* Have worked on **AWS** to integrate the server side and client-side code.
* Used **AWS deployment services** to quickly set up a **dynamic website** and configured **virtual servers**.

**Environment:**SOA, HTML, CSS- SaaS, AJAX, Angular, SOAP, JAX-RS, jersey, Swagger, Hibernate, Spring, Spring Batch, WSDL, Spring AOP, Oracle DB, Karma, Jasmine, Jenkins, AWS,

**Client: Molina Healthcare ,Columbus OH Jan 2019 - Aug 2020**

**Role: Java developer**

**Responsibilities:**

* Developed a web-based integrated project management tool ‘XPD Office’ in Java using agile methodology.
* Created web services and desktop applications to access and display data needed by support teams using **Ajax, JavaScript, AngularJS, Node.JS, CSS and HTML**.
* Implemented **AngularJS** Factories and Controllers to manipulate and view employee task data and used Custom **AngularJS** Filters to provide better search experience.
* Implemented **AngularJS**directives to reduce the usage of redundant code, to create pie-charts, bar-graphs and for validation purposes.
* Utilized **AngularJS**framework to bind HTML template (views) to JavaScript object (models) and created custom Angular directives using. moduleand. directive.
* Implemented**AngularJS ui-router**to simulate a multiple layout web application reducing repetitive code and promoting quality.
* Expertise in implementing the MVC architecture in backend applications using **Node.js** along with **ExpressJS**.
* Worked on **Restful**web services using   **Node.js** with **ExpressJS** and implemented mock services in   **Node.js** with help of modules using   **Node.js** server.
* Used **Node package manager(npm**) for managing the **Node.js**modules like **Watchify, Browserify, Http-Fetch** etc. and **package. Son** for managing the application required module dependencies.
* Implemented **CORS** (Cross Origin Resource Sharing) using **Node JS** and developed **REST** services using **Node** and **Express, Mongoose** modules.
* Developed **Apache Camel** middleware routes, **JMS** endpoints, Spring service endpoints and used **Camel** free marker to customize **REST** responses.
* Developed Business Rule Engine using Java, Multithreading, Message Queuing and consuming **Restful** web service.
* Responsible for using **JMS** Queues and JMS Topics for one-to-one and one-to-many communication in the application.
* Extensively worked on **MQ** Series using point-point, publisher/subscriber-messaging domains to exchange information through Messages for implementing Service Oriented Architecture (**SOA**).
* Backend application layer is implemented using **Spring Boot**andimplemented **Maven** Script to create JAR, WAR, EAR& dependency JARS and deployed the entire project onto the **WebSphere** Application Server environment.
* Implemented **Spring** Model View Controller (**MVC**) Architecture and coded Java Beans (as the model), Java Swing.
* Worked on **Spring** application framework features IOC container and AOP and integrated Spring with **Mongodb**and established data mappings.
* Created **Hibernate OGM mappings**and defined persistence classes to persist the data into **Mongodb**Database.
* Involved in developing frameworks and automating complex workflows using **Python** for Test Automation. Built tools for automating repetitive work through **Shell scripts** and **Python**.
* Performed and automated Server Deployment, upgrades and version release management in **Linux.** Automated the regular reports requested by users using **Linux** and **Shell scripts**.
* Worked on advanced**Hibernate associations** with multiple levels of **Caching** and **lazy loading**.
* Developed stored procedures to apply business logic to the database. **ANT** Script is used for the application building and **Log4J** for debugging.
* Used **SVN** for version control and used **Eclipse** as the IDE for developing the application, Used **Rational** **Clear** **Quest** for defect fixing.

**Environment:** Java, J2EE, PL/SQL, AngularJS, Node.js, Bootstrap, CSS, HTML5, Spring, JMS, Apache CXF, MQ Series, Log4J, MAVEN, SVN, Eclipse IDE, WebSphere Application server, Rational Clear Quest, Mongo dB, Apache Camel.

**Client: Infinite Solutions -India June 2014 – Sep 2018**

**Role: Software Engineer**

**Responsibilities:**

* Followed Agile methodologies to execute project. Build the application using **TDD** (Test Driven Development) approach.
* Created web application prototype using **JQuery** and **Angular JS**.
* Developed user interfaces using **JSP, AJAX, JavaScript, HTML5, and CSS.**
* Developed business logic using **Java /J2EE, Spring MVC, Hibernate** and various OOPS concepts.
* Worked in an Enterprise Application where we had to implement   Micro Services in order to separate the tasks and not to have dependency on other Parallel on-going tasks of same Application.
* Implemented business logics using **Servlets** and actively participated in deploying the application in **Apache** **Tomcat**.
* Developed **DAO** layer communicated with the **Oracle** database with help of Hibernate framework.
* Developed **Oracle SQL Queries** **and Stored Procedures**.
* Developed test cases and performed unit testing using **JUNIT** Test cases.
* Performed code build and deployment using **MAVEN**.
* Provided the design, installation and coding support for the integration of **NoSQL** solution to the enterprise and the migration of business data from Oracle to **Apache** **Cassandra**.
* Involved in the defect fixes. Configured and created application log files using **Log4j** required to trace application.

**Environment:**Java, J2EE, Spring Boot, Hibernate, Spring MVC, Rest, JQuery, Ajax, JavaScript, JSP, Angular JS, Servlet, DB2, Eclipse, Log4j, JUnit, Maven, AWS, Bootstrap.

**Client: FactSet, India June 2012 - May 2014**

**Role: Java 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.**
* Involved in High Level Design and prepared Logical view of the Application.
* Created Data Source and deployed web application in the **WebSphere application Server.**
* 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.
* Involved in raising questions for business, getting answers from them, bug fixing, and tracking is done by **JIRA**.
* Developed **RESTful** web services using **JAX-RS, Apache CXF and spring** frameworks and persistence using **Hibernate and JPA ORM** frameworks.
* Jersey implementation of **JAX-RS** is utilized to develop RESTful Web services.
* Consumed **RESTful Web services (JAX-RS)** provided by different vendor to use for Address verification and validation.
* Involved in creating and extracting data from database using **SQL Queries, PL/SQL Stored procedures, triggers, and packages on Oracle 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