**PROFESSIONAL SUMMARY**

* Over 7 years of extensive experience in designing and developing software applications with Spring, ReactJS, Bootstrap, Java, JSP, Servlets, JMS, ORM tool, JDBC, JavaScript, jQuery, CSS, Web Services (SOAP& RESTful).
* Experienced in a fast-paced Agile Development Environment including Test-Driven Development (TDD) and Scrum.
* Proficient in Java/J2EE Design Patterns including Singleton, Factory, Model View Controller (MVC), and Data Access Object (DAO). Well-versed with Core Java concepts like Collections, Multithreading, and Serialization.
* Hands on experience in building projects using popular IDEs such as Spring Tool Suite (STS), Eclipse and IntelliJ. Extensive experience as a User Interface/Front End Developer in developing web applications using HTML, XML, CSS, JavaScript, Typescript, jQuery, AngularJS and React JS.
* Experience in User Interface (UI) design and development process using technologies like HTML5, CSS3, JavaScript, jQuery, JSP, Bootstrap, AngularJS, Vue.js
* Strong experience in deploying applications on IBM WebSphere, Jboss and Tomcat. Experience in Log4J for logging services. Developed Rest Controllers to interact with Angular calls and React Calls.
* Expertise in developing UI based GUIs using Java Applets, HTML5, DHTML, JavaScript, Typescript, AngularJS, XML, DOJO, AJAX, JSF, JSP & spring form tags.
* Extensively used REST APIs as a host and a client by using Postman & Advance Client platform with Spring REST implementation. Used Swagger to document APIs
* Extensive experience in developing JEE-based Web Services to expose useful functionality to web users through SOAP, describing them using WSDL, registering them using UDDI for easy availability to potential users, and consuming using JAX-WS.
* Good Working experience in using different modules like Spring Core Container, Spring ORM, Spring AOP Module, Spring MVC Framework module, web module, and DAO/Repository design pattern.
* Experience in writing numerous test cases using the JUnit framework.
* Worked on IDEs such as Eclipse, STS, IntelliJ, and VSCode for developing, deploying, and debugging the applications.
* Experience in writing Components, Pipes and Services to separate concern and handle different situations by using Angular.
* Experience in building reusable and customizable components for a website using React JS and React-Routes to create a single page web application.
* Good Knowledge on front-end development using React with Redux but have also worked in all parts of the stack.
* Experience creating single page applications using Angular JS and Node Js.
* Expertise to create a self-contained, reusable and testable modulus and components in Angular.
* Experience in building reusable and customizable components for a website using React JS and React-Routes to create a single page web application.
* Expert in Core Java with strong understanding of Garbage Collector, Collections Framework, Exception Handling Multithreading, Event handling, JDBC, JMS and Generics.
* Expertise to create a self-contained, reusable and testable modulus and components in Angular.
* Implemented various levels of application and services using Spring-Framework and ORM tools like Hibernate for a fast pace and efficient code generation.
* Experience working with databases such as MySQL and using PL/SQL to write stored procedures, functions, views, and triggers for different Data Models.
* Experience in setting up company Version policies, build schedule using Git.
* Expertise working on Application servers and Web servers like Apache Tomcat and Tom EE Plus.
* Worked on Jenkins for continuous integration and for building build applications on the production server.
* Understood Kafka for distributed publish-subscribe messaging system and a robust queue that can handle a high volume of data and enable passing messages from one endpoint to another.
* Experience in creating real time data streaming solutions using Apache Spark /Spark Streaming, Kafka and Flume. Programmed and prepared code for interfacing with Apache Tomcat systems.
* Have pretty good experience and understanding on partition of Kafka messages and setting up the replication factors in Kafka Cluster and have also used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Worked on Docker for the lightweight, portable, self-sufficient container, and made it easier to build and deploy software on the server.
* Worked on Kubernetes for managing containerized workloads and services, that facilitate both declarative configuration and automation.
* Worked on Microservices to build independent services to execute the specific operations in the application.
* Good Knowledge in Apache Kafka, RabbitMQ, most widely used as messaging services.
* Exposure to various SDLC models like Waterfall, Test Driven Development, Agile & Scrum.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Java/J2EE Technologies** | Servlets, JSTL, JDBC, JMS, Applets, Multi-threading, Java Networking |
| **Programming Languages** | Java, C++, C, SQL, PL/SQL, Python |
| **Application/Web Servers** | Oracle, Apache Tomcat, JBoss |
| **Frameworks & API’s** | Struts, Hibernate, JSF, Angular JS, Angular, D3, React JS, NodeJS, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Data REST, Spring Data JPA, Spring Boot, JUnit, SOAP UI |
| **IDE’s** | Eclipse, Net Beans, Intellij Idea, Spring Tool Suite (STS), Visual Studio Code |
| **Web technologies** | JSP, JavaScript, jQuery, AJAX, XML, XSLT, HTML, DHTML, CSS, JSON, Adobe Flex, Spring MVC, Angular JS, Angular 9/10/11/12, NodeJS |
| **Debugging Tools** | Firebug, Chrome |
| **NoSQL database** | MongoDB |
| **Web Services** | JAX-WS, JAX-RPC, JAX-RS, SOAP, REST, Micro services |
| **XML Parser** | JAXB, DOM |
| **Methodologies** | Agile, RUP, TDD, OOAD, SDLC |
| **CI/CD Tools** | Jenkins, XL Release, Hudson, Docker, Kubernetes |
| **Modeling Tools** | UML, Design Patterns, Rational Rose, Visio |
| **Databases** | Oracle, DB2, SQL Server, MySQL |
| **Version Control** | CVS, GIT, SVN |
| **Build Tools** | ANT, Maven, Jenkins, Gradle, GitHub Actions |
| **Message Queues** | Rabbit MQ, Apache Kafka, Web Sockets |
| **Testing Tools/ Others** | Selenium, JUnit, Load UI and Mockito. |

**PROFESSIONAL EXPERIENCE**

**MFS Investment Management, Boston, MA April 2021– Till Date**

**Project: Financial Management Portal (FMP)**

**Role: Java Full-Stack Developer**

**Responsibilities:**

* Creating micro plans, effort estimations and traceability matrix documents.
* Identifying issues in the development. Preparing the technical specifications based on analysis.
* Wrote POST, UPDATE, DELETE and GET methods for REST API in Spring Rest Controller.
* Designed use case diagrams, class diagrams, and sequence diagrams as part of the design.
* Used Java 8 Lambda Expression and Stream API to provide a clear and concise way to iterate, filter and extract data from collections.
* Implemented Spring Rest Template to consume REST web Services for detailed transaction.
* Involved in the Implementation of MVC Architecture using Spring Boot for the application.
* Designed and developed the application on Amazon EC2 to consume the web services.
* Managed SMTP to send email to customers when changes applied by Spring Mail API.
* Realized authentication and authorization by Spring Security to maintain the security of data.
* Used JMS template for the asynchronous exchange of critical business data and events among JEE components and legacy system.
* Implemented Spring JPA-repository for backend-database interaction to CRUD user’s data.
* Optimized resource management and allowed lazy loading with the help of Spring Hibernate.
* Accessed REST Web Services data payload to interact with backend by using JSON.
* Implemented layout of front-end web page with Angular components and created Angular services to interact with backend java application.
* Designed & developed using HTML5, CSS3, EXT JS, JavaScript, XML, AngularJS, NodeJS, JSP, JSON, Vue.js, JSF, J2EE and Ajax.
* Worked on Angular for one complete project in rebasing the UI of the application using the techniques in Angular 11/12.
* Designed and developed user interface using Angular of various TypeScript components like schedule, calendar, panel Grid, layout, mega Menu, user management and resource management.
* Used Boot Strap and Template for managing CSS3, HTML5 to get better user interfaces.
* Created Responsive Designs (Mobile/Tablet/Desktop) using Bootstrap, HTML5 & CSS3.
* Hosted the MySQL database in the AWD RDS for high availability and high security.
* Built the web-data storage on AWS S3 to backup and archive media data with little data loss.
* Realized JUnit framework to achieve Test Driven Development for continuous builds and frequent development iterations across the project.
* Improved performance of functional layers by optimizing Java Code and Stored procedures.
* Interacted with various internal teams such as UI framework, security and integration.
* Used Agile process to streamline the development and design process which includes bi-weekly Sprint and daily Scrum to discuss work progress and organize teams around tasks/projects with JIRA.
* Carried out Test Driven Development methodology (TDD) by using JUnit, Mock MVC and Mockito framework for testing accuracy of code.
* Used Jenkins and GitHub Actions for Continuous Development and Integration of the application.
* Used Kubernetes and Docker to build and manage independent components of the application.
* Used NPM for installing required node.js modules and other published Angular NPM modules
* Involved in Construction of UI using JQuery, Angular.JS, Node JS and JavaScript.
* CARD, INTERNET BANKING, WALLET etc. Developed dynamic responsive Web Application by integrating Angular with Bootstrap which is further integrated with Web Services and Vue.js.

**Environment**:  Java 8/11, Spring 4.x, Spring Boot, Spring RESTful Webservices, Spring Data JPA, Spring Security, Amazon Cloud Services (AWS), Hibernate 4.3, Spring Mail API, Spring MVC, Swagger API, TypeScript, HTML5, CSS3, XML, Tomcat, Eclipse, MySQL, HQL, Maven3.0, Junit, Jenkins, Docker, Kubernetes, Agile, JIRA, Microservices, Mockito, Angular 9/10/11/12

**Infovista, Billerica, MA June 2019 – Mar 2021**

**Project: Invovista360**

**Role: Java Developer**

**Responsibilities:**

* Involved in all phases of Software Development Lifecycle (SDLC) including Requirements Collection, Analysis, Development and Customization of the Application through Agile TDD methodology.
* Involved in Documentation and Use case design by using UML modeling includes development of Class diagrams, Sequence diagrams and Use Case Transaction diagrams.
* Designed and developed business components using Spring AOP, Spring IOC, Spring Annotations.
* Developed multiple POCs to create an interface between Backend to Frontend by using Mongo DB, Express JS, Angular JS and Node.js, React.js
* Hands on experience in building projects using popular IDEs such as Spring Tool Suite (STS), Eclipse and IntelliJ. Extensive experience as a User Interface/Front End Developer in developing web applications using HTML, XML, CSS, JavaScript, Typescript, jQuery, AngularJS and React JS.
* Strong experience in deploying applications on IBM WebSphere, JBoss and Tomcat. Experience in Log4J for logging services. Developed Rest Controllers to interact with Angular calls and React Calls.
* Experience in Unit Testing using Junit and Mockito Frameworks.
* Experience in creation of UI components and interactive UIs using React.js
* Expertise in React JS framework to develop the Single Page Applications (SPA).
* Experience with an in-depth level of understanding in the strategy and practical implementation of AWS Cloud-Specific technologies including EC2, S3, RDS, RedShift, Lambda and Dynamo DB.
* Integration as well as testing and artifact publishing upon build success integration with web services including RESTful.
* Implemented Spring MVC and then converted to Spring Boot to provide loose coupling to the application and to provide production ready code.
* Implemented DAO using Hibernate Reverse Engineering, AOP & Service layer using Spring MVC.
* Use Java1.7 with generics, for loop, static import, annotations etc.
* Used Hibernate as persistence framework for DAO layer to access the database.
* Experience in creating RESTful APIs (JSON and SOAP) using Spring Boot, Apache CXF, Jersey.
* Designed and developed a Restful APIs for different modules in the project as per the requirement.
* Developed Java Server components using Spring, Spring MVC, Hibernate, Web Services technologies.
* Used Spring IOC to inject the services and their dependencies in dependency injection mechanism.
* Developed SQL queries to interact with Oracle database and also involved in writing PL/SQL code for procedures and functions.
* Used MAVEN for build framework and Jenkins for continuous build system
* Developed GUI using Front end technologies JSP, JSTL, AJAX, HTML, CSS and Java Script.
* Developed a code for Web services using XML, SOAP and used SOAPUI tool for testing the services proficient in testing Web Pages functionalities and raising defects.
* Involved in writing Spring Configuration XML, file that contains declarations and business classes are wired-up to the frontend managed beans using Spring IOC pattern.
* Configured and deployed the application using Tomcat and WebLogic.
* Used Design patterns such as Business Object (BO), Service locator, Session façade, Model View Controller, DAO and DTO.
* Implementing and controlling the flow of data to and from AWS. Selecting the appropriate AWS service based on compute, data, or security requirements.
* Migrating an existing on-premises application to AWS.
* Involved in writing the Junit test cases as part of unit testing, used Mocking frameworks EasyMock, PowerMock Objects and Spring Datasets in TDD approach.
* Prepared auto deployment scripts for WebLogic in UNIX environment.
* Used Java Messaging artifacts using JMS for sending out automated notification emails to respective users of the application.
* Expertise in implementing SDLC using Agile Software Development with JIRA platform and Scrum methodology.

**Environment:** Java7/8, J2EE, Spring Batch 3.0, Spring Boot 1.4.1, Spring Security 4.0, SOAP Web Services, Hibernate 4.3.0, IntelliJ IDE 3.1, Spark 1.4.1, JMS 3.2.8, JSP 2.2, JSTL, HTML5, CSS, Tomcat 8.0, XML, XSD, Unix, Oracle12c, Maven, Agile, JIRA, tortoise SVN, Git, JUnit, WSDL, JSON, JAX RX 3.1.

**Oritani Bank, Township of Washington, NJ Jan 2018 – May 2019**

**Project: Software Testing Management Web Service**

**Role: Java Software Engineer**

**Responsibilities:**

* Designed the web pages for the sales consultation tool and wrote the business logic for them
* Applied Agile methodology and organize scrum meetings regularly
* Used JEE paradigm using spring framework for MVC architecture
* Implemented service layer using Spring IOC and annotations and Controllers using Spring MVC.
* Used Spring characteristic features like Dependency Injection/Inversion of Control, Transaction
* Management and Aspect Oriented Programming for various modules functions.
* Implement several core design patterns like MVC, Singleton, and Data Access Object (DAO), etc.
* Used Hibernate Framework for object-relational mapping and persistence.
* Implemented Spring Security to handle authentication and authorization for all HTTP requests.
* Interfaced with the MySQL using Hibernate Framework with annotation.
* Implemented MySQL queries and used stored procedures, and built-in functions to retrieve and update data

from the databases.

* Implemented Spring Security with JWT to give authorization to third-party applications to obtain limited

access to the HTTP service.

* Create service for pipeline UI interface to determine which UI to navigate to on loans in inquiry stage under

sales consultation tools.

* Used JUnit for Validation of Code to verify that the logic of a piece of the program is correct.
* Implemented functional enhancements and bug fixes to the sale consultation web pages in the UI front, java

model side and database end using JEE.

* Used Apache Maven as the software build tool and Log4J for logging errors and messages and Git for

version control.

**Environment:** Java, Servlet 2.0, Spring MVC, JSP, SVN, Maven, Docker, Agile/Scrum, JDBC, Python/Bash scripting, Postgres, Oracle and MySQL

**NJM Insurance, West Trenton, NJ Feb 2016 - Dec 2017**

**Project: Payment Detection**

**Role: Java Developer**

**Responsibilities:**

* Designed the web pages for the sales consultation tool and wrote the business logic for them
* Applied Agile methodology and organize scrum meeting on a regular basis
* Used JEE paradigm using spring framework for MVC architecture
* Implemented service layer using Spring IOC and annotations and Controllers using Spring MVC.
* Used Spring's characteristic features like Dependency Injection/Inversion of Control, Transaction Management and Aspect Oriented Programming for various modules functions.
* Implement several core design patterns like MVC, Singleton and Data Access Object (DAO) etc.
* Used Hibernate Framework for object relational mapping and persistence.
* Implemented Spring Security to handle authentication and authorization for all HTTP requests.
* Interfaced with the MySQL using Hibernate Framework with annotation.
* Implemented MySQL queries and used stored procedures, and built-in functions to retrieve and update data from the databases.
* Implemented Spring Security with JWT to give authorization to third-party applications to obtain limited access to the HTTP service.
* Create service for pipeline UI interface to determine which UI to navigate to on loans in inquiry stage under sales consultation tools.
* Used JUnit for Validation of Code to verify that the logic of a piece of the program is correct.
* Implemented functional enhancements and bug fixes to the sale consultation web pages in the UI front, java model side and database end using JEE.
* Used Apache Maven as the software build tool and Log4J for logging errors and messages and Git for version control.

**Environment:** Java, Spring 4.3.5, JSP& JSTL, Junit, Hibernate 3.1.x, RESTful API, Eclipse, HTML4, CSS3, JavaScript, Maven, Log4j.

**Education: Master of Science in Software Development**

**Language known: Mandarin**