**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**.
* Extensive experience as a User Interface Front End Developer in developing web applications using **HTML5**, **CSS3**, **JavaScript**, **ReactJS,** and **Bootstrap**.
* 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.
* 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.
* 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.
* Exposure to various SDLC models like **Waterfall**, **Test Driven Development,** **Agile** & **Scrum.**

**TECHNICAL SKILLS**

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| **Servers:** | Apache Tomcat, Tom EE Plus |
| **Technologies:** | Java/J2EE, JDBC, Servlets, JMS, JSP, JPA, EJB, Python |
| **AWS:** | EC2, Elastic Beanstalk, RDS, S3, EKS, ECR |
| **Database:** | MySQL, Oracle, SQL server |
| **Tools:** | JUnit, Log4j, JIRA, Maven, Jenkins, Docker, Kubernetes |
| **Web Technologies:** | HTML5, CSS3, JavaScript, jQuery, ReactJS, Bootstrap |
| **Web Service** | SOAP & RESTful services, Microservices |
| **Design Patterns:** | MVC,Singleton, Factory, Data Access Object |
| **Frame Works:** | Spring 4, Hibernate 4.x, |
| **IDE Tool:** | Eclipse, Spring tool suit, IntelliJ, Visual Studio |
| **Methodology:** | Agile, Scrum, Waterfall, TDD |
| **Version Control Tools** | SVN, Git |

**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.
* Developed Frontend based on **ReactJS** to build perfect single page 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**.
* Designed and developed user interface using 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**.
* Designed and implemented the Front-end logic by writing the routing layer of **React Router DOM**.
* 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.

**Environment**:  Java 8, 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, ReactJS, Recoil, Swagger API, TypeScript, HTML5, CSS3, XML, Tomcat, Eclipse, MySQL, HQL, Maven3.0, Junit, Jenkins, Docker, Kubernetes, Agile, JIRA, Microservices, Mockito.

**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.**
* 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 **SpringBoot**, **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, 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:** Java7, 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:** Java7, 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**