**EXPERIENCE SUMMARY**

* **6+ years** of experience in System Design, Enterprise Software development and complex Client/Server Implementation, Web Development, Intranet/web-based n-tier architecture systems utilizing Object oriented /Internet technologies, Implementation of JEE Technologies (**Spring, Hibernate ORM, JDBC, JPA, Spring Security**) in Banking and Financial domains.
* Expertise in **JEE** and **MVC** architecture/implementation, **Web Services,** Analysis, Design, Object modelling, Data modelling, Integration, Validation, Implementation and Deployment.
* Experience in spring technologies and modules like **MVC, AOP, Spring Transactions, Spring MVC, Spring Security, Spring REST, Spring Boot, JDBC, ORM** and **Web Services** using Eclipse and STS.
* Experience in using various Web and Application Servers like **Apache Tomcat 8.0**
* Knowledge of **Microservices** to developing Application using **Spring Cloud API**.
* Experienced in **Jenkins, Docker, and Kubernetes**
* 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.
* 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.
* Expertise in front-end development using **HTML 5, ReactJS, CSS3, TypeScript, Bootstrap.**
* Worked and managed to coordinate with offshore team.
* Involved in Design, development and testing of web application and integration projects using Object Oriented technologies such as **Core Java, JEE Design Patterns, Multithreading, Spring Framework, Hibernate, Java Beans, Web Services (REST), XML** and **Maven**.
* Good knowledge in **RDBMS** concepts and experience in **MySQL and PL/SQL.**
* Expertise with unit testing using **JUnit** and **Log4j** tools.
* Expertise in developing UI based GUIs using Java Applets, HTML5, DHTML, JavaScript, Typescript, AngularJS & 8, XML, DOJO, AJAX, JSF, JSP & spring form tags.
* Hands-on experience in writing complex database queries, stored procedures, and triggers.
* Experience in Integration of Amazon Web Services **AWS** with other applications infrastructure.
* Extensive hands-on experience in different aspects of enterprise software development including integration, web services (**RESTful**)
* Used version control tools like **GIT.**
* Experience in developing software using **SDLC** and **Agile/Scrum** methodologies using **TDD/BDD.**
* Experience in designing Use Cases and Class Diagrams using **UML**.

**TECHNICAL SKILLS**

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| --- | --- |
| **Programming Scripting Languages:** | Java 8, JEE, HTML, JSP, XML, AJAX, Servlets, ReactJS, TypeScript. |
| **Frameworks:** | Hibernate 5.3, Spring 4.0 (AOP, DATA, Core, MVC, Transaction, Batch, Rest API, Security), Spring Boot, |
| **IDE:** | Eclipse Neon, IntelliJ Idea, Visual Studio |
| **Design Patterns:** | Singleton, Factory, Builder, Facade, Prototype, Visitor, MVC, DAO, Front Controller |
| **Web Servers:** | Apache Tomcat 6.x/7.x/9.x |
| **Web Services:** | Spring REST, Microservices |
| **Deployment Tools:** | Maven |
| **Clouds** | AWS (IAM, EC2, S3, Elastic beanstalk) |
| **Version Control**: | GIT |
| **Testing & Logging Frameworks:** | TDD, JUnit4.x, Log4j |
| **Database Management Systems:** | MySQL 8.0 |
| **DevOps Tools:** | Jenkins, Docker, Kubernetes. |
| **Misc.:** | Visual Studio, TOAD |

**PROFESSIONAL EXPERIENCE**

**Tenet Healthcare, Dallas, TX Sep 2021 – till date** **Project: Pharma Clerk**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in full Software Development Life Cycle (SDLC) to analyse the business requirements, designing front end component, developing server-side code, testing and implementation.
* Object Oriented Analysis and Design OOAD of business requirements with the end users and business analysts.
* Involved in designing and developing front end web application using React, bootstrap, JavaScript, jQuery, HTML5, and CSS3,
* Used JavaScript and AJAX to query the Elastic search indices, format and display the JSON results in a web page using HTML and CSS.
* Designed and developed Customer registration and login screens using Eclipse 3.5, HTML, JSF, Servlets and JavaScript.
* Designed & developed using HTML5, CSS3, EXT JS, JavaScript, XML, AngularJS, NodeJS, JSP, JSON, Vue.js, JSF, J2EE and Ajax.
* Managed the Metadata associated with the ETL processes used to populate the Data Warehouse.
* Worked on Angular 9, 10 technologies for one complete project in rebasing the UI of the application using the techniques in Angular 9, 10.
* Design and Development of High Performance CPD processes by using multithreaded processes which in turn improved the performance by a lot.
* All the functionalities implemented using Spring IoC, Spring Boot and Hibernate ORM.
* Extensively used Spring IOC, AOP configured Application Context files and performed database object mapping using hibernate annotations.
* Used **Spring Boot** which is radically faster in building cloud Microservices and develop Spring based application with very less configuration.
* Involved and understood the Development of reporting system using spring, Hibernate and Restful Web Services.
* Implemented layout of front end web page with angular components and created angular services to interact with backend java application.
* Involved in Construction of UI using JQuery, Angular.Js, Node JS and JavaScript.
* Used NPM for installing required node.js modules and other published Angular NPM modules
* Created modal objects to integrate request and responses between front-end angular and java web services in JSON format.
* Designed and developed transaction system and payment system with Spring Boot and Kafka framework.
* Developed and Published SOAP based JAXWS web services and developed clients for consuming other web services.
* Used groovy and spring boot to collecting the data from users and packaged the data as json distributed to the applications.
* Experienced in implementing DAO layers using JPA standards and Hibernate API interfaces.
* Followed Agile methodology and SCRUM meetings to track, optimize and developed sequence diagrams depicting method interactions, using MS Visio.
* Used Eclipse Luna as a development IDE.
* Played a role in application enhancement using Spring 3.0 MVC framework.
* Build REST web service to handle requests sent from the front-end jQuery Ajax calls.
* Created and implemented database operation in HQL using hibernate 3.0.
* Involved in creating and extracting data from database using SQL Queries, PL/SQL Stored procedures on DB2 database.
* Experience in developing Manual / Automated Testing Strategies, Test Plans, Test Scripts and Test Cases.
* Experienced in Test Driven Development.
* Worked on AWS, (EC2 and S3) High Availability Practices and deploying backup/restore infrastructure.

**Environment**: Core Java, J2EE, HTML5, ReactJS, Node.js, CSS3, JDK 1.6, XML, Spring 3.0, Spring Boot, Hibernate 3.0, Restful APIs, JMS, SOAP, log4j, PL/SQL, JavaScript, Eclipse Indigo, Eclipse Juno, DB2, Git, Docker, Git, Gradle, Maven 3.0.5, JUnit.

**East West Bank, Los Angeles, CA Feb 2019- Aug 2021** **Project: Spend Tracker**

**Role: Java Full Stack Developer**

**Responsibilities:**

* System study, interaction with users, analysis, designing, coding, and testing & implementation of the system.
* Development of product management code using **Java 8** and related technologies like Collections, Classes, etc.
* **CRM** system study, interaction with users, analysis, designing, coding, and testing & implementation of the system.
* Used **ReactJS** on front-end to develop **SPA** (Single Page Application) with low latency on client application.
* Incorporated **React Bootstrap Forms** to incorporate validations at the client side.
* Applied **React Router DOM** for navigating between the different components of the application.
* Applied **Bootstrap** for a responsive UI and faster and easier design.
* Implemented **Java 8** **Lambda functions** to write clear and concise code for higher efficiency and easier maintainability.
* Used in developing software using **SDLC** and **Agile/Scrum** methodologies using **TDD/BDD.**
* Incorporated **Java 8 stream API** for easier processing of collections. In addition to that, we used the **Rest API** along with lambda functions and stream API while implementing the business logic.
* Used **Spring Core** to **Autowire** repositories of modules in the **Service** layer.
* Applied **Spring REST** and its related annotations such as **RestController** to procure the **HTTP** protocol along with its suitable actions (GET, POST, PUT, DELETE) and map those **URL** actions to generate data on Front End in **JSON**.
* The **Service** layer was also implemented using the Service Annotation to generate the business logic with the Controller making use of the service to expose the endpoints of the API.
* Extensively used **Spring IOC**, configured Application Context files and performed database object mapping using Hibernate annotations.
* Applied **Spring Boot** to reduce configuration and avoid conflicts in versions of frameworks used.
* The combination of Spring Boot along with tools such as **DEV Tools** and **Actuator** helped run the application faster as well as monitor the health of the application.
* Implemented **Spring Security** for authentication and authorization for different roles in the Customer Query Tracking application.
* Used **Spring Data** along with the **JPA** repository to incorporate the predefined CRUD operations along with pagination and sorting.
* Ensured error-free code through **Spring Data** which was earlier prone to query related and table mapping issues.
* Inclusion of **JPA** repository added flexibility to change of database rolling project needs.
* Followed **TDD** methodology and created numerous test cases for unit testing of the code using the **JUnit** testing framework.
* Used multiple Spring frameworks with design patterns such as **Singleton**.
* Applied **Git Version Control** and **GitHub** to work on the project and integrate my code with other team members’ code.
* Evaluate and identify best practices for implementing Angular 8.
* Designed front-end web-based form using Angular 8 with Ajax controls CSS and HTML5.
* Created user-friendly GUI interface and Web pages using HTML, Angular JS, Node JS, JQuery and Java script.
* Defined new validations through Angular2JS for the form field validation implemented through HTML5.
* Developed multiple POCs to create an interface between Backend to Frontend by using Mongo DB, Express JS, Angular JS and Node.js, React.js
* Incorporated **Maven** for better project and dependency management.
* Adopted **Apache Tomcat** as the underlying server that came bundled with the **Spring Boot** application and Oracle 11g as the underlying database.
* Coordinating with the team members and involved in code reviews.
* Design and modeled objects using modeling techniques in **UML** - Use Cases, Class Diagrams, Sequence Diagrams.
* Implemented **PL/SQL** queries and used Oracle stored procedures, and built-in functions to retrieve and update data from the database.
* Used **Hibernate** as an ORM tool for connecting to database and accessing information.
* Followed **TDD** methodology and created numerous test cases for unit testing of the code using **JUnit** testing framework.
* Design database in **Oracle 11g**, including tables, relationships, sequence, triggers.
* Involved in analysis, design and Implementation applying the **Agile** methodology.
* Development was with **Microservices model**.
* Used **Docker, Kafka, and Kubernetes** for container management across the servers.
* Software Development done using **Agile/Scrum** methodology
* Ported Jenkins into GitHub Actions for continuous **CI/CD.**

**Environment:** Java 7/8, ReactJS, Spring boot 1.2.3, Spring MVC, JMS, Hibernate ORM 4.3.5, Agile/Scrum, Bootstrap, RESTful Webservices, JavaScript, HTML5, CSS3, UML, Oracle 11g, PL/SQL, Junit, Git, Maven.

**Wide Point Corporation, Fairfax, VA Dec 2016 - Jan 2019**

**Project: Cards Payment Association**

**Role: Java Programmer**

**Responsibilities:**

* Used Agile methodology for modeling software development, with cross-functional rapid delivery methods and iterations to release the working software with minimal bugs.
* Used DAO, MVC, Factory and Singleton Java design-patterns as the best practice solutions and common reusable platforms in the Object-Oriented Programming.
* Defined Model beans (business logic) and created DAO (data access object) classes with the properties and methods for CRUD-operations.
* Coordinating with the onsite team in resolving the application issues.
* Responsible for designing some of the framework components such as pagination and updates to the persistence mechanism.
* Developed Business Delegates to call Session Beans.
* Involved in the integration of Spring for implementing Dependency Injection (DI/IOC).
* Implemented application using Spring MVC framework. Use of collection framework including List, Map etc.
* Used custom persistence mechanism for read queries and JPA for create, update and delete operations.
* Used Web Services for Data Exchange (send/receive appeal case information, filings, documents, etc.) with external agencies, such as DCA, Supreme Court, Attorney General, etc.
* Developed the java beans (POJO) to represent the model classes and mapped them to the tables using the Hibernate Mapping files.
* Developed Database Access Objects (DAO) using the Spring Hibernate Support and using Hibernate Query Language (HQL)
* Used Value Objects generated from tables to map to their corresponding classes (ORM).
* Implement text analysis algorithms for handling messy meta-data.
* Involved in the enhancement of some applications and user requirements and implement high performance algorithms for data processing and analysis.
* Involved in image processing and fetching the data from the image.
* Interact with the Project Manager to provide estimates for different phases in the projects and to interact with the client team to convey the progress.
* Used RESTful Web Services for integrating with multiple Payment gateways CREDIT CARD, DEBITCARD, INTERNET BANKING, WALLET etc.
* Developed dynamic responsive Web Application by integrating Angular2 with Bootstrap which is further integrated with Web Services and Vue.js.
* Implement Singleton, proxy Design Patterns in developing the application.
* Used GIT for version control.
* Applying JSF Framework and configure the properties, Manage beans, Listeners and validations.

**Environment:** Java, JEE, Spring MVC, Hibernate, Maven, Eclipse, JPA, HTML, Web Services, GIT.

**Education: Bachelors in Computer Science**