**MANOJ** [**ymanoj.se@gmail.com**](mailto:ymanoj.se@gmail.com) **(408)- 883 – 5777**

**PROFFESIONAL QUALIFICATIONS:**

* Over 8+ years of professional experience in designing and building the web applications using the **Java/ J2EE**.
* Experience in all phases of Software Development Life Cycle(**SDLC**) – Analysis, Design, Implementation, Integration, QA methodologies, Test Strategy. Test metrics and maintenance of applications.
* Strong experience on software development methodologies like **Waterfall**, **Agile, TDD, Scrum** and **RAD**.
* Participated in **Scrum, Sprint review, Retrospection** and **Virtual Closure** meetings as part of **Agile.**
* Deep understanding of **MVC [model-view-control], Client-Server and N-tier Architectures**.
* Well versed skill in design, development and deployment of applications for the **J2EE** platform using **Servlets, Struts, Spring, EJB, JSP, SOA, SOAP, REST, Microservices, ORM, JPA, JMS, JAXP, JAXB, JUnit.**
* Hands on experience in **Front-End** technologies like **AngularJS, ReactJS, NodeJS, JavaScript, HTML5, CSS3, Bootstrap, Jquery, Tag Libraries, AJAX** used for Responsive web page designing.
* Experience in **XML** technologies like **XML, DTD, XSL, XSLT, XPATH, JAXB, SAX and DOM** Parsers.
* Worked with Spring Features like **Spring MVC, Spring DAO, Spring Boot, Spring Batch, Spring Heroku.**
* Experience in **Spring Security, Spring Integration, Spring Zulu, Eureka, Netflix, Hystrix.**
* Expertise in developing **SOAP, REST Web Services** based on **SOAP, WSDL, JAX-WS, JAXB, JAX-RPC, JAX-R**S.
* Hands on experience in developing several **Microservices** using **spring boot, jersey, swagger** to communicate through **HTTP** protocol for implementing **SOA**approach and web services.
* Proficient in implementation of frameworks like **Struts, spring, Spring Boot, JSF, AJAX** and **Hibernate[ORM]**.
* Used **Hibernate** as an **ORM** mapping tool like **JPA** Entities for mapping Java classes using **HQL**.
* Experience in working with messaging systems like **Kafka, Event Sourcing, RabbitMQ and Active MQ**.
* Experience in creating rules using Business Rules Engines: **Drools, ILOG**.
* Experience with **Docker**, leveraging **Linux** Containers and AMI's to create**Docker Images/ containers**.
* Hands on Experience in Utilized **Kubernetes** for the run time environment of the CI/CD system to build, test and deploy in an open source platform and **Splunk**data flow, components, features and product capability.
* Extensive experience in**Amazon Web Services** like **RDS, IAM, EC2, Redshift, SQS, SNS, Cloud Watch and S3**.
* Experience in working with **PCF** to deliver applications continuously to every cloud with a single platform.
* Extensive Experience in retrieving and manipulating data from backend using Database **SQL** queries, **PL/SQL**- Stored Procedures, Functions, Sequences, Triggers, Views and Packages.
* Hands on Experience with relational databases **Oracle, SQL Server, DB2, My SQL** as well as **NoSQL** Databases like **MongoDB, Mark Logic, Cassandra, DynamoDB.**
* Highly proficient in designing n-tier Enterprise application with J2EE design patterns like **IOC,AOP, MVC, Business Delegate, Service Locator, Session Facade, DTO, DAO, Front Controller, Factory and Singleton.**
* Hands on experience in writing **ANT**, **Maven build scripts**, providing logging facility using **Log4j**.
* Worked with Version Control Systems like **CVS, SVN (Sub Version), GIT, GitHub, Clear case.**
* Experience with **Tomcat, WebLogic Server, JBoss** and **IBM WebSphere**.
* Experience in using Design Tools like **Rational Rose Enterprise Tool, visual paradigm, MS Visio**.
* Good exposure on using IDE'S like **Eclipse**, **Sublime Text**, **IntelliJ** and **Net Beans**.
* Expertise in Selenium automation using **Selenium WebDriver, Selenium Grid, Junit and Maven.**
* Solid experience of Defect/Test Management tools like **JIRA, Quality Centre/Test Director, Bugzilla**.

**TECHNICAL SKILLS:**

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| --- | --- |
| Java/J2EE Technologies | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking |
| Programming Languages | Java JDK 1.4/1.5/1.6/1.8, C, SQL, PL/SQL |
| Application/Web Servers: | Oracle/BEA WebLogic 8.1/9.1/10.3, IBM WebSphere 5.1/6.0/6.1/7.0, JBoss, Tomcat 5.0.28/6.0, Bug tracking, Jenkins. |
| Frameworks | Struts 2.x/1.x, Spring 3.x/ 2.x, Hibernate 3.x, JSF 1.2/2.0, iBatis |
| IDEs | Eclipse 3.x, Spring Tool suite 2.x/3.x, IntelliJ |
| Web technologies | HTML5/HTML5, CSS/CSS3, XHTML5, JavaScript, Ajax, jQuery, AngularJS, Bootstrap, ReactJS, NodeJS, JSON |
| Web Services | JAX-WS, JAX-RPC, JAX-RS, SOAP, REST, SOAP UI |
| Methodologies | Agile, Scrum, SDLC |
| Database Servers | Oracle 8i/9i/10g/11g, DB2, SQL Server 2000/2005/2008, MySQL |
| Version Control | CVS, SVN, Git, Rational ClearCase. |
| Build Tools | ANT, Maven, Gradle |

**EXPERIENCE AND ACCOMPLISHMENTS:**

**Client: DTCC-Tampa, FL Duration: Feb 2016 – Till Date**

**Role: Sr. Java Full Stack Developer**

**Description**: The Depository Trust & Clearing Corporation (DTCC) is an American post-trade financial services company providing clearing and settlement services to the financial markets. It performs the exchange of securities on behalf of buyers and sellers and functions as a central securities depository by providing central custody of securities.

**Responsibilities:**

* Worked in a highly dynamic **AGILE** environment and participated in scrum and sprint meetings.
* Implemented various **J2EE design patterns** like **Singleton, Factory, Builder** etc.
* Extensively used **Java 8**features such as **lambda expressions, Parallel operations** on **collections, multithreading** and for effective sorting mechanisms and **Streams** to store and process the data.
* Implemented **Multithreading** concept to handle transaction management with isolation and propagation levels.
* Used **HTML5, CSS3, Java Script, Bootstrap, AngularJS** and **Node.js**as frontend building Environment.
* Configure and run gulp tasks in **Node.js**runtime and handle injection, **CSS**pre-processing, test-running.
* Developed custom directives, Factories and Services in **AngularJS** and implemented code as per coding standards.
* Used **Spring DI**, **Annotations** and **MVC** to implement business and navigation of application.
* **Microservices** have been built using **Spring boot**, **Spring security** and deployed to **AWS cloud**.
* Used **Spring Ribbon** along with **Spring Boot** for **load balancing** and **Fault tolerance** of the application.
* **Spring Quartz** for scheduling tasks to generating reports and emails to clients.
* Deployed the Application into Docker container and made easily accessible at runtime using Pivotal Cloud Foundry and other cloud services like AWS, Netflix Eureka, Spring Hystrix as fallback method, Spring Ribbon for load balancing and a broker service to maintain status using Spring Kafka and Zookeeper.
* Developed microservices with **Spring** to retrieve API routes for the entire cluster. Using this strategy each microservice in a cluster can be load balanced and exposed through one API gateway
* Experience in creating **RESTful**web services using **Jersey, SPRING** framework and **JAX-RS**.
* Implemented **RESTful** web services to retrieve data from client side and made **RESTAPI** calls from **AngularJS** and parsed the data to project client and handled the security and Authorization using **Spring Security** & **OAuth2**.
* Creating **REST** based Web Services by establishing links using **HATEOAS** from **Spring**-based Applications.
* Configured **Swagger-UI** registered Microservice with **Eureka server** to monitor service from **Spring Boot.**
* Implemented the business modules integration using **Spring** and **Hibernate** data mapping.
* Developed Entity objects and used **Hibernate** the **ORM** tool to access persistent data from **MySQL**.
* Worked on Proof of Concept for developing application using **Node JS** with **AngularJS** and **Mongo DB**.
* Maintained, structured, and surveyed documents within the **NoSQL MongoDB** database, ensuring data integrity, correcting anomalies, and increasing the overall maintainability of the database.
* Involved in developing API’s and Rest API proxy using **APIGEE** edge and for sending mobile notifications.
* Published and consumed stream of records using **Producer**and **Consumer APIs**with **Spring** for **Apache Kafka**.
* Developed Rules using Rule Engines- **JBoss Drools**, Work flows, human tasks to implement Business rules validations and provided Drools Dashboard for Business users.
* Configured the **Docker** Containers and creating **Dockers** files for different environments.
* Designed and developed the framework to consume the web services hosted in **Amazon EC2**instances.
* Experienced with event-driven and scheduled **AWS** **Lambda** functions to trigger various **AWS** resources.
* Used **AWS SDK**for connection to **Amazon S3**buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* **MYSQL** was used as the database for the application which was hosted in the cloud using **Amazon RDS**service.
* Developed and maintained functions, procedures, triggers, indexes using **MYSQL** database programming.
* Used **Jenkins** as the integration tool and improved **scalability** of applications on **cross-platforms**.
* Used **Maven** as a Build Process and used generating Documentation, Reporting, and adding Dependencies.
* Developed test scripts in **Selenium Web Driver** using Java Language. Developed testing using **JUnit**.
* Used **JIRA** for resolving bugs/defects in application by coordinated with team members of the project.
* Used **Git** as a **version control system** and deployed the application in Production environment and implemented **Log4J** for Logging Errors.
* Involved in Production Support and Maintenance of the application and troubleshooting of Issues on **JBoss**by **checking logs, payments**etc.

**Environment:**Java 7/8, HTML5, CSS3, JavaScript, AngularJS [1.5/1.6], NodeJS, Spring, Spring Boot, Spring MVC, Spring Ribbon, Spring Quartz, Spring Security, Jersey, JAX-RS, OAuth2, HATEOAS, Apache Kafka, Swagger-UI, Eureka server, APIGEE, MySQL, Mongo DB, AWS, Hibernate, Drools, Dockers, REST, JSON, Eclipse, Maven, JUnit, Selenium, Jenkins, JIRA, Git, Log4J, JBoss.

**Client: UPS, Alpharetta, GA Duration: July 2014 – Jan 2016**

**Role: Java Full Stack Developer**

**Description:** UPS is a global leader in logistics, offering a broad range of solutions, facilitating international trade, and deploying advanced technology to more efficiently manage the world of business. Rooted in the innovative use of technology, UPS's unmatched global network enables the broadest and most reliable solutions in the industry.

**Responsibilities:**

* Well versed with complete Life Cycle Development process that includes requirement analysis, design, implementation, testing, maintenance and followed **Agile** methodology.
* Involved in implementing different **J2EE design patterns** like **Service Locator**, **Business Delegate**, and **DAO.**
* Implemented Core Java concepts like**Multithreading, Concurrency, Exception Handling and Collections**.
* Developed presentation layer using **HTML5, CSS3** and client validation using **JavaScript, DOM, JSON.**
* Used **React JS** for creating components and to render views and to update the DOM dynamically.
* Used **Bootstrap, ReactJS** to create Controllers to handle events triggered by clients and send request to server.
* With the concept of **ReactJs** Worked on usage metrics and end to end events tracing for analysis purpose.
* Used **Node.js**for building web applications with client-server architecture, where both can initiate communication in two-way connections and allow them to exchange data.
* Worked on development of MVCArchitectural pattern using **Spring Framework**, **Spring DI** and **Annotations**.
* Designed and integrated the full-scale **Spring / Hibernate** persistence solution with the application architecture.
* Involved in implementing the **Micro Services** based on **RESTful API** utilizing **Spring Boot** with **Spring MVC.**
* Worked on **RESTful services** for transferring and retrieving **XML** and **JSON** data between different applications.
* Developed the **DAO layer** for the application using **Spring Hibernate** template support. Used **Hibernate** for persistence layer and used **HQL** for query purpose.
* Used **RabbitMQ**message broker to route messages to the clients across the cloud network.
* Wrote **Docker files** for creating **Docker images** for **micro services** and **Docker containers**for environment. Used **Kubernetes**to deploy **Docker containers**.
* Used **Eureka** service registry of Pivotal Cloud Foundry**(PCF)** configured for each service to enable communicate via **cloud**.
* Used in-built market place services of Pivotal Cloud Foundry(**PCF)** for **RabbitMQ** config.
* Used config-server options of **PCF** for maintaining application properties pertaining to each environment and User-Provided-Config-Server (**cf** cups) option for **Syslog** and **Oracle DB** connectivity.
* Used **NoSQL** database **Cassandra** for proof of concept and having experience in create a **Stored Procedures** and having experience in Remote Procedure call (**RPC**).
* Converted and automated builds using **Maven**. Scheduled automated nightly builds using **Jenkins** and maintained Continuous integration effort with **Jenkins** along with scheduled builds.
* Worked on High level and low-level system design, planning, estimation and implementation.
* Experience in writing Unit Tests using **JU(nit**, **Mockito**.
* Experience in using **JUnit**and build tools such as**Maven.**Worked on **Log4j**for logging errors, messages and performance logs and **SVN** for version control.
* Deployed and tested the application in **UNIX** on **IBM Web Logic** Application Server.

**Environment:**Java, J2EE, HTML5, CSS3, JavaScript, ReactJS, Node.js, Micro Services, Spring, Hibernate, SOA, REST, RabbitMQ, PCF, Oracle 11g, Cassandra, Docker, Kubernetes, Maven, Jenkins, Junit, Mockito, Log4J, SVN, Web Logic 12c, Unix.

**Client: BNSF Railway - Fort Worth, TX Duration: Sep 2013 – June 2014**

**Role: Sr. Java/J2EE Developer**

**Description**: This application provides many of the DPR (Daily Performance Report) measures in multiple modules and different display types viewable at one time. It provides timely and accurate information to facilitate locomotive, car, train performance, coal loadings strategic planning and analysis. The summarized and detail reports for each of the measures according to geography are built using Java Script components and Java.

**Responsibilities:**

* Contributed greatly to increase the code quality and productivity through **TDD** and **Agile** Estimation and Planning.
* Involved in System Analysis and Design methodology as well as Object Oriented Design and development using OOAD methodology to capture and model business requirements
* Used **AngularJS** to create views to hook up models to the **DOM** and synchronize data with server as SPA.
* Worked extensively on the front-end side using **JSP, HTML, CSS3, JavaScript and jQuery**.
* Used **Twitter Bootstrap** to create responsive web pages which can be displayed properly in different screen sizes.
* Involved in Java Multithreading to cascade multiple changes on multiple records in only one transaction.
* Implemented **J2EE patterns**, Data Access Object**(DAO)**, **Session facade**, **Business Delegate** and **Value Object**.
* Responsible for **JAVA, J2SE/J2EE, JBPM, EL and Java FX**coding / development.
* Implemented the service layer using **Spring** with transaction and logging interceptors.
* Fixing the bugs and developing new enhancements using **JAVA / J2EE, Spring, Hibernate, WebLogic**.
* Implemented **SOA** to develop **REST** Based Web services using **Apache Axis**.
* Designed and developed **RESTful** Web services. Created and compiled XML Schema to generate Java Bean classes using **Apache Axis**.
* Used spring framework for middle tier and **Spring-hibernate** for data access.
* Used **Spring MVC** as Web module, involved in design, development of new Action classes to interact with business logic and Used **Hibernate** as **ORM** to map Java classes to data base tables.
* Used **Log4J, Splunk** for logging and tracing the messages.
* Developed build script using **MAVEN** to build, package, test and deployed the application in **WebLogic**.
* Use **WebLogic** fuse for remote console login, JMX management and web server console.
* Developed and Deployed the Application on **Eclipse IDE** and **WebLogic Web Servers**.
* Code walk through, modules integration and unit testing using **JUnit and Mockito**.
* Used Eclipse as IDE tool to develop the application and **JIRA** for **bug** and **issue tracking**.
* Implemented Test Scripts based on the User Requirements as specified by the Business side and Requirement document and analyzing Business Requirements and handling it as per Requirements.
* Project coordination with other Development teams, System managers and web master and developed good working environment.

**Environment:** Java/J2EE, Servlets, JSP, Spring, JSTL, EJB, JMS, XML, XSLT, JDBC, AJAX, HTML, CSS, Bootstrap, JavaScript, Angular JS, Web Logic application server, Eclipse, Apache Axis, Log4J, Splunk, Maven, Rational Rose, Windows, CVS, Junit, Mockito, JIRA.

**Client: Blue Cross and Blue Shield - Chicago, IL Duration: May 2012 – Aug 2013**

**Role: Java Developer**

**Description:** This Project mainly deals with delayed check payments. In this application we provided two functionalities to business users. One is 'upload functionality' and the other is 'search' functionality. In the upload functionality, users have an option to upload data corresponding to delayed checks. In the search functionality users can search for detailed claims data based on the check number along with other fields like Bank account number, Payee name, tax id, NPI and date range.

**Responsibilities:**

* Involved in all phases of the end-to-end implementation **project-requirements gathering, analysis and design, development, testing and debugging**.
* Followed **Agile**Software Development with **Scrum** methodology.
* Designed and developed the UI using **HTML, CSS** and **JavaScript, AJAX, JSON**.
* **AngularJs** takes another approach. It attempts to minimize the impedance mismatch between document centric HTML and what an application needs by creating new HTML constructs.
* Used **Spring Framework AOP Module** to implement **logging** in the application to know the application status.
* Used **Spring DAO Module** along with Struts Framework to deal with Database.
* **Spring MVC Framework IOC** design pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency specification from the actual application code.
* Developed, and debugged the **servlets and EJB** with WebSphere Application server.
* Developed the middle tier using **EJBs, Java Servlets**. Developed **session,** entity beans and message driven beans.
* Designed configuration **XML Schema** Used **XML/XSLT** for transforming XML format and **SAML** for **SSO**
* Used **JavaScript** for the client-side validation. Used **XML HTTP Request** Object to provide asynchronous communication as part of **AJAX** implementation.
* Designed and implemented Java Classes to use JAXP parser to create Java objects to be able to modify the data received in the response.
* Used SOAP for **Web Services** by exchanging XML data between applications over HTTP.
* **Active MQ** was used to provide a single unifying transport that reduces cost and maintenance efforts, including support for HTTP, REST. And **WSDL** was used for publishing Web Service interfaces.
* Extensively used **MVC**, **Factory**, **Delegate** and **Singleton** design patterns.
* Wrote **Ant Scripts** to automate the build and deploy process.
* **Junit** tests were written to test each module in the application.
* Involved in **Code Review**, **Unit Testing** and **Integration Testing**.

**Environment:** Java/J2EE, Java Spring, EJB, XML, XSLT, JDBC, AJAX, IBM WebSphere Application Server 8.5, Oracle 11g, WSAD, IBM MQ, HTML, CSS, JavaScript, Angular JS, Eclipse, UML, Rational Rose, Windows XP, CVS, JUnit, ANT, Adobe Flex.

**Client: American National Bank, Cleveland, OH Duration: Oct 2010 – April 2012**

**Role: Java/J2EE Developer**

**Description:** American National Bank is one of the secures financial institution that serves huge domain of customers. Bank offers various financial and banking services to its customers. The current application is a part of online banking that allows a customer to pay bills securely as well as enrol in monthly automatic recurring bill payment. The functionalities involved in e-bill payment are Add a payee, make a payment, and set up Automatic Payments, Receive Bills Electronically, Request E-mail Notifications and Review Payments. The application also supports intra and interbank transfer of funds for a given customer.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Developed the applications using **Java, J2EE, Struts, JDBC**
* Worked on various use cases in development using Struts and testing the functionalities.
* Involved in preparing the High Level and Detail level design of the system using **J2EE.**
* Created **struts form beans, action classes, JSPs** following **Struts framework standards**.
* Implemented the database connectivity using **JDBC** with **Oracle** database as backend.
* Involved in the development of model, library, struts and form classes (**MVC**).
* Worked on core java, using file operations to read system file (downloads) and to present on **JSP**.
* Involved in development of underwriting process, which involves communications without side systems using **JMS**.
* **Used PL/SQL** stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Designed and developed Application based on **Struts Framework using MVC design pattern.**
* Developed **Struts Action classes using Struts** controller component**.**
* Developed SOAP based XML web services.
* Used **SAX XML API** to parse the XML and populate the values for a bean.
* Used **Jasper** to generate rich content reports.
* Developed **XML** applications using **XSLT** transformations.
* Created **XML** document using **XML API** to pass the XML structure to Web Services.
* **Apache Ant** was used for the entire build process.
* Used **Rational Clear Case** for version control and **JUnit** for unit testing.
* Configured **WebSphere** Application server and deployed the web components.
* Provided troubleshooting and error handling support in multiple projects.
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using **Rational Rose**.

**Environment:** JDK 1.6, EJB, Struts, JSP2.2, Servlets3.0, JMS, XML, XSLT, JDBC, HTML, JavaScript, UML, Rational Rose, Oracle 11g, IBM WebSphere7.0, Rational Clear Case, ANT, JUnit, IBM RAD.

**Client: Prime soft Technologies Pvt. Ltd, Hyderabad, IN Duration: June 2009 – Sep 2010**

**Role: Jr. Java Developer**

**Description:** Electronic Medical Record (EMR) is a web-based java solution that capture data from different fields, different forms to compile individual Health data that can be shared across different health care settings and different clinicians. This individual data can be compiled to generate different types of reports that can help the organizations to grow their business rapidly.

**Responsibilities**

* Analyze the requirements based on business data and user requirements.
* Created user-friendly GUI interface and Web pages using **HTML, jQuery and Java script.**
* Implemented the modules using **Model-View-Controller (MVC)** design pattern.
* Develop GUI related changes using **JSP, HTML** and client validations using **Java script.**
* Developed Java beans, helper classes and **Servlets** for interacting with UI written in **JSP**.
* Wrote a controller **Servlet** that dispatched requests to appropriate classes.
* Developed Dispatch **Action classes** to define several business methods.
* Involved coding **SQL Queries, Stored Procedures and Triggers.**
* Involved in Designing the Database Schema and writing the **complex SQL queries** using **Oracle.**
* Created java classes to communicate with database using **JDBC.**
* Accessed stored procedures and functions using **JDBC Callable statements**.
* Deployed Applications on **Apache Tomcat** Server.
* Involved in unit **testing, troubleshooting and debugging.** Modifying existing programs with enhancements.
* Involved in fixing bugs the bugs or defects in the application.
* Used **Log4J** for any logging purposes during the development of the application.

**Environment:** JDK 1.6, HTML, jQuery, JAVASCRIPT, Servlets, JSP, XML, XSLT, Oracle10g, SQL, PL/SQL, Ms Visio, Eclipse, JDBC, Log4J, Apache Tomcat Server.