**Name: Neeraj Reddy**

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**Ph: (469) 830-1783**

**Sr. Java/J2EE Developer**

**SUMMARY:**

* **9+ years** of IT experience in Design, Development, Implementation and Testing, support of various applications such as **Client**/**Server**, **Distributed**, Enterprise Web (Internet/Intranet) across multiple Platforms, multiple Operating Systems spread across multiple hosts.
* Hands on experience in developing applications using **Java, J2EE** and other internet technologies.
* Worked as **Site Reliability Engineer**, involved in improving the availability, latency, efficiency and making the application more resilient.
* Experience in building **Micro** **Service** applications using **Spring** **Boot** for developing **RESTful** Web Services.
* Experience in verifying issues during Production Support and resolving those issues using **Splunk** and **AppDynamics**.
* Experience in Creating and configuring the continuous delivery pipelines for deploying Micro services using **Jenkins** CI server.
* Experienced in developing web-based applications using **Java/J2EE, Servlets, Spring IOC, Spring MVC, Spring AOP, Spring Security, Spring Boot, Spring Web Flow, Spring Data, JDBC, Spring Data Rest, Spring Data JPA, Web Services (SOAP & Restful services) and ORM frameworks like Hibernate.**
* Experience in developing and deploying applications on **Cloud** **Platforms** like **Amazon** **Web** **Services** and **PCF**.
* Proficient in using **Junit, Mockito, log4j**, **SL4J**.
* Proficient with Application & Web Servers like **JBoss, Tomcat, and IBM WebSphere.**
* Extensive experience in database analysis, design, normalization, and data manipulation processes with RDBMS databases such as **Oracle 11j, Sybase, DB2 MySQL, PostgreSQL, SQL Server 2000.**
* Proficient in Database programming using **SQL**, **PL SQL**, Stored **Procedures**, **Triggers** and Functions.
* Experience in working with the source control and version control tools such as **Git**, **ClearCase, Subversion, Serena Dimensions** build tools like **Ant, Maven** integration tools such as **Jenkins.**
* Excellent functional knowledge in **Health Insurance, Financial, Retail, Sales & Distribution, Travel & Tourism, Banking and Storage** domains.
* Hands on experience on **Windows, LINUX and UNIX, Solaris.**
* Experience with issue tracking tool such as **JIRA**
* Excellent communication skills, strong architectural skills, hardworking and good team player. Thrives well within the group environment.
* Strong proficiency in Java programming language and related technologies, such as JDBC, JSP, Servlets, and JPA.
* Expertise in developing and maintaining scalable and high-performance software solutions using Java frameworks, such as Spring, Hibernate, and Struts.
* Proficiency in database design, development, and tuning, particularly with SQL and NoSQL databases like MySQL, MongoDB, and Cassandra.
* Strong proficiency in Java programming language and related technologies, such as JDBC, JSP, Servlets, and JPA.
* Expertise in developing and maintaining scalable and high-performance software solutions using Java frameworks, such as Spring, Hibernate, and Struts.
* Proficiency in database design, development, and tuning, particularly with SQL and NoSQL databases like MySQL, MongoDB, and Cassandra.
* Familiarity with web development technologies, such as HTML, CSS, JavaScript, and popular front-end frameworks like React and Angular.

**SKILLS:**

Operating Systems : Windows, UNIX, Linux, Sun Solaris.

Languages : JAVA, J2EE, C, C++

J2EE Technologies : Webservices (SOAP/REST), JDBC Apache ANT, JMS, JSP, Servlets

Frameworks : Spring, Spring MVC, Spring AOP, Struts, Hibernate,

 SL4J, Junit, Log4J

Web/App Servers : Apache Tomcat, JBoss, IBM WebSphere

IDE Tools : STS, Eclipse, JBuilder

Databases : MySQL, Sybase, SQL Server, PostgreSQL, Oracle, DB2

Web Technologies : HTML5, JavaScript, jQuery, CSS, XML, AJAX, PHP, JSON

Software Design Tools : UML, Rational Rose

Middleware Technologies: Tibco EMS, IBM MQ, Web methods, ActiveMQ

Methodologies : Waterfall, Agile/SCRUM

Other Technologies : AppDynamics, Splunk, SonarQube, Pivotal Cloud Foundry

**PROFESSIONAL EXPERIENCE:**

**Client: LPL Financial, Boston, MA Dec 2020 – PRESENT**

**Sr. Java/J2EE Developer**

**Description**: LPL Financial built an internal application which enables the Global Price Operations to provide more accurate prices to the subscribers and capable of onboarding more new subscribers. Application receives a list of assets from the subscribers that are to be priced. Several checks are done to ensure the correct prices are provided for all assets which is supplied to us by market data vendors like Bloomberg, Reuters etc. The prices that fail tolerance checks are reviewed by operations and appropriate prices are selected by clearing the exceptions.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modelling, analysis, design, development, testing, and application support.
* Involved in complete software development life cycle - Requirements gathering, Conceptual design, Analysis, Detailed design, and Development.
* Followed Scaled **Agile Methodology** to Implement the Project and used JIRA to track and manage Iteration progress.
* Architected the System using **Micro** **Services** and deployed them to **Pivotal Cloud Foundry (PCF).**
* Used Spring Boot with Embedded Tomcat and followed Continuous Integration and Continuous Delivery for developing the Web Application.
* Implemented and developed applications using **Spring (IOC, AOP, MVC, Security, Boot, and Batch),** Hibernate, and **REST** based Web Services.
* Involved in creating **S3** buckets in the **AWS** environment to store files and sometimes which are required to serve static content in the web application.
* Involved in configuring **S3** buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
* Used **Kafka** to listen to change stream in Mongo DB.
* Used **Kafka** as middle ware for **asynchronous** communication between microservices.
* Involved in writing **SQL** and **Stored Procedures** for handling complex queries with help of **MySQL Workbench,** **TOAD,** and access them through Java Programs from **Oracle Database**.
* Experience in writing complex **PL/SQL** queries using joins, Stored Procedures, Functions, Triggers, cursors, and indexes in Data Access Layer.
* Worked with **MongoDB** to store non-relational data into the collection and retrieve them whenever required.
* Upgraded existing UI with **HTML5, CSS3, jQuery,** **Bootstrap**.
* Implemented core features of **Angular 7** framework such as Dependency Injection, Data Binding, Filters, Directives, Templates, Services and Deep Linking Designing.
* Highly used **Angular 7** Router to build single page applications for navigation through different status and multiple models.
* Used **Java 8** features like stream and **Lambda** expressions.
* Maintained **Interface** compatibility and **concurrency** in the project using **Java 8** new features like **default**, **static** methods, and Concurrency API.
* Used **IntelliJ, Visual Studio** IDE for Debugging and development of Application.
* Focused on **Test** **Driven** **Development** by creating detailed **JUnit** tests using **Mockito** for every single piece of functionality before writing the functionality.
* Worked in an **Agile** environment using SDLC tools like **GIT, Jira, Jenkins**, **and Maven** for build packaging and deployments of the application components.
* Experience in migrating applications from Struts 1 to Struts 2 or other frameworks like Spring MVC
* Strong understanding of Java web application development using Struts framework
* Knowledge of MVC design pattern and its implementation in Struts
* Proficiency in using Struts tags and plug-ins for HTML rendering and validation
* Skill in using Struts configuration files for routing and handling requests
* Expertise in developing and customizing Struts actions and interceptors
* Knowledge of integrating Struts with Hibernate or other ORM frameworks
* Experience in developing and consuming RESTful web services using Struts
* Understanding of security aspects in Struts development, such as preventing Cross-Site Scripting (XSS) and Cross-Site Request Forgery (CSRF) attacks.
* Familiarity with the latest versions of Struts, such as Struts 2.5, and its new features and improvements.
* Familiarity with web development technologies, such as HTML, CSS, JavaScript, and popular front-end frameworks like React and Angular.
* Experience with Agile development methodologies, including Scrum and Kanban, and using development tools like Git, JIRA, and Jenkins.
* Strong problem-solving skills and ability to debug and troubleshoot complex issues in Java applications.
* Experience with performance optimization and profiling tools, and using advanced techniques like multithreading, caching, and load balancing to improve application performance.
* Experience with cloud-based development using services like AWS, Azure, or Google Cloud Platform, and familiarity with containerization and orchestration tools like Docker and Kubernetes.
* Strong understanding of software architecture and design principles, and familiarity with design patterns like MVC, Factory, and Singleton.
* Experience with Agile development methodologies, including Scrum and Kanban, and using development tools like Git, JIRA, and Jenkins.
* Strong problem-solving skills and ability to debug and troubleshoot complex issues in Java applications.
* Experience with performance optimization and profiling tools, and using advanced techniques like multithreading, caching, and load balancing to improve application performance.
* Strong understanding of software architecture and design principles, and familiarity with design patterns like MVC, Factory, and Singleton.
* Experience with cloud-based development using services like AWS, Azure, or Google Cloud Platform, and familiarity with containerization and orchestration tools like Docker and Kubernetes.
* Excellent communication and collaboration skills, and ability to work effectively in cross-functional teams with other developers, QA engineers, and product managers.
* Proficient in working with IBM MQ for messaging and integration between different systems.
* Expertise in designing and implementing MQ architectures for high availability and reliability.
* Experience in integrating MQ with Java applications using different APIs, such as JMS.
* Hands-on experience in configuring, monitoring, and managing MQ instances.
* Strong knowledge of Amazon Web Services (AWS) and experience in developing and deploying Java applications on AWS.
* Expertise in using AWS services such as EC2, S3, Lambda, and API Gateway for building cloud-based solutions.
* Solid understanding of AWS security best practices and ability to implement secure cloud solutions.
* Experience in using AWS tools such as CloudFormation, CloudWatch, and AWS CLI for managing and deploying AWS resources.
* Strong troubleshooting skills to diagnose and resolve MQ and AWS-related issues.
* Excellent communication and collaboration skills to work effectively with other team members and stakeholders.

Excellent communication and collaboration skills, and ability to work effectively in cross-functional teams with other developers, QA engineers, and product managers.

**Environment:** Agile,Java 8**,** HTML5, CSS3, JavaScript, Angular7, Spring Boot, Spring Rest, Spring Cloud, Spring MVC, Spring AOP, Spring Batch, OAuth2, Hibernate, Oracle, MongoDB, AWS, RESTful web services, TDD, GIT, JIRA, Jenkins, Maven.

**Client: HCSC, BCBS-IL, Chicago, IL Aug 2019 – Nov 2020**

**Role: Senior Java Developer**

**Description:** FEP Enhancements & Next Gen project addresses cumbersome claims processing and adjudication. These technological upgrades allow claims to be more efficiently processed in the FEP Direct/FEP Streamline User Interface environments. The FEP claims inventory consistently runs high due to processors still processing claims in both FEP Direct and BlueChip Legacy. Expanding the data exchange between FEP Direct and the FEP Streamline/GUI systems will eliminate the need to use the legacy environment for the more complex claims processing. The goal is to maintain a safe claims inventory and increase the automation capabilities including the more complex claims, moving the throughput well beyond the current. Also, the project supports the FEP Next Generation project rollout by the BCA.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modeling, analysis, design, development, and testing.
* Performed Testing using JUNIT tools and using different channels and used selenium for automation.
* Used **spring** Framework for implementing business logic and maintaining transactions.
* Developed the application with various **Spring Framework** modules like **Spring IOC, Spring AOP, Spring Boot, Spring Security**, **Spring Batch.**
* Creation of database objects like **tables, views, materialized views, procedures, and packages** using oracle tools like **Toad, PL/SQL Developer** and **SQL\* plus.**
* User **Java Script, CSS, HTML** for Front end styling and displaying various snap shore reports results of **Junit**.
* **Jenkins** for Continuous integration using various pipelines Concepts.
* Used **Java 1.8 Lambda** expressions along with **Streams** for creating internal iteration and performing chain operations such as **Filter**, **Map**, **Collect** on a collection Objects.
* Used **Hibernate** as persistence Layer - using the **SQL Server Database** and configuration data to provide persistence services (and persistent objects) to the application.
* Used HQL and SQL as the query languages in **Hibernate Mapping**. Integrated the Spring and Hibernate framework.
* Used **BASH** in Linux environments to test functionality.
* Used **Spring Security** for **Authentication and Authorization** of the application.
* Design and Development of the system workflow. Used **Singleton, Spring MVC, Hibernate**, Factory Pattern and **DAO design patterns**.
* Wrote **SQL Queries** to interact with **SQL Server Database**.
* **RESTful** web services using Jersey for **JAX**-**RS** implementation.
* Used **Maven** for the project management like build, install.
* Done with unit testing of all Java classes using **Junit**, **Mockito, JASSERT** framework.
* Actively Participated in tracking and resolving Production issues.
* Worked on issue tracking tool **JIRA**.
* Hands on experience in building tools like **ANT, Maven, Gradle**.
* Used **GIT** for Source Control and Version Management of all codes and resources.
* Involved extensively in Code Reviews, Unit testing and Process Improvements.
* Involved in Daily **SCRUM** meetings and weekly **SPRINT** Meetings.
* Interacted with Product Managers to fine tune user stories and with testing team to approve Functional Specification and test cases.

**Environment**: Java1.8, HTML5, CSS3, jQuery, Ajax, AngularJS, NodeJS, JSP, Hibernate, Spring, Spring Batch, Spring Boot, Spring Security, Spring MVC, Maven, WebSphere, JavaScript, Agile Methodology, Restful, Log4J, AWS, Micro Services**,** Automation Testing, JIRA, JUnit, GIT, Jenkins, and STS.

**Client: United Airlines, Houston, TX Apr 2016 – Dec 2018**

**Role: Java/J2EE Developer**

**Description:** Crew Solver helps to manage day to day operations and irregular operations (IRROP). It provides alerts and operational recovery solutions. It takes the operations and crew related data into consideration and gives an optimal solution with which the airlines can continue crew operations during an IRROPS. Crew Solver can be used whenever there are severe weather-related disruptions. The Crew solver is used to recover the crew and allocate the crew to currently running flights. Crew solver provides solutions such that it should be of low cost and effective utilization of resources. On a day-to-day basis as well the crew solver is used to resolve alerts by satisfying all the rules and provides solutions to the problems.

**Responsibilities:**

* Involved in Requirement Analysis, Design, Development, Integration & Testing of core modules of Crew Solver
* Developed the user interface using **Spring** **MVC**, **JSP**, **JavaScript**, **Html** and **CSS**.
* Effectively communicating with different users of the application to collect information about the requirements.
* Implemented validation functionality using **spring** validation framework.
* Designed and developed harvest admin tool using **Spring**, **Hibernate** and **JSP**
* Assisted **Oracle** **DB** development team in developing stored procedures and designing the database.
* Involved in development of automated **Ant** build scripts for build and deployment of application with **WebSphere** Application Server.
* Create unit and integration test cases for new applications and features.
* Extensively used Java **Multi-Threading** concept for downloading files from a URL
* Developed Web Service client interface for invoking methods using **SOAP**.
* Involved in invoking inventory **REST** service from POS (Point of sale) Of Monsanto seeds.
* Created Routing hierarchy for different views by using **AngularJS** UI Router and isolating scopes in custom directives.
* Added responsive features to fit in different devices by using **CSS3** Media Queries
* Familiar with **Test** **driven** **development** (**TDD**) methodology using **JUnit** and developed applications using **agile** methodology.
* Involved in recreating the materialized views for getting the data from remote databases.
* Involved in production troubleshooting and production **performance** issues.
* Worked on Use Cases, prepared functional specification, **UML** Diagrams, Technical Documentation, Coding & Development, Data modeling and testing on large volume data.
* Involved in maintenance and enhancements of core modules in java which will interact with databases and third-party tools.
* Resolving severe priority issues and ensuring SLAs are met.
* Designed and implemented the Data Transfer Object (**DTO**) and Data Access Object (**DAO**), Singleton, Factory design patterns.
* Used **SVN** to commit code changes.
* Updated the pom files with the new dependencies, used maven tool to build libraries.
* Developed unit and integration test cases using **JUNIT**/**Mockito** and spring mock MVC objects.
* Extensively worked on SQL Queries.

**Environment:** Java, J2EE, Spring, Web Services, SQL client, ION, ODS, COSMOS, Taleris SASI, RS, Maven, SVN, STS, XML, Log4J, JUnit, EMS, Tomcat, Windows.

**Role: UBS, Newark, NJ Jun 2013 - Mar 2016**

**Role: Java Developer**

**Description:** Cross Product Margin Management Application (XCOLL) is a cross product collateral management and reporting application. It is used for calculation of margin for products like Repo, FX, and Equity to mitigate risk. The system allows UBS to assess a counterparty’s aggregate exposures and collateral across multiple business lines in multiple global markets. To assess credit risk, XCOLL captures and consolidates trade details then re-values and re-calculates risk exposures. It is a cross-product system that assimilates data feeds from across the bank, representing over half of the bank’s products.

**Responsibilities:**

* Participated in requirement gathering and converting the requirements into technical specifications.
* Creation of functional specification documents.
* Design and development of reporting application called **Octane** (Online Collateral and netting Engine) that has many restful web services for other teams in the bank.
* Wrote **Spring** configuration files for the beans defined and properties to be injected into them using spring's Dependency Injection.
* Used Hibernate in the **DAO** layer to persist the data to the Database.
* Used **HQL** queries and **Criteria** API for efficient object retrieval.
* Performed logging using **log4j**.
* Performed unit testing by writing test cases using JUnit, mock.
* Involved in developing the database changes, **stored** **procedures** etc.
* Unit testing, Functional testing, capacity testing test cases
* Documented support procedures for **L1**, **L2**.

**Environment:** Core Java, Spring, Web Services, Hibernate, Eclipse, JavaScript, HTML, CSS, XML, JAXB, Log4j, Sybase, JMS, JNDI, Linux, Apache Tomcat, Solaris, Subversion, Ant.