**Munny**+1 (214) 876-8077

munnyIT2007@gmail.com

**PROFESSIONAL SUMMARY**

* **12 years** of progressive experience in all the phases of software development life cycle that includes Requirement Study & Analysis, Design, Development, Integration, maintenance, installation, implementation and testing of various client/server and N-tier web applications.
* Experience in developing the Spring based applications using **Spring Boot**, Spring Cloud, Spring Rest, Spring Data, Spring MVC and Spring Security.
* Extensive development experience specializing in an environment building n-tier application using **Java 8, Angular, Spring, Hibernate, JavaScript, HTML, Oracle, SQL**.
* Solid experience on Core Java, **Multi-threading**, Algorithms and Object-Oriented concepts, collection framework, java 9 features Stream API, Lambda Expression.
* Developed various **pages** in the applications in front end technologies **HTML5**, **CSS3**-**SASS, JSON, AJAX, Angular 7, React JS.**
* Proficient in utilizing **Jasper Reports** within Java applications for designing and generating dynamic, pixel-perfect reports.
* Proficient in building **RESTful APIs** using **Jersey**, a popular Java framework for **JAX-RS.**
* Expertise with Relational databases Such **Oracle, PostgreSQL, SQL server**
* **Developed CI/CD system with Jenkins on Kubernetes environment, utilized Kubernetes and Docker for the runtime environment for the CI/CD system to build, Test and Deploy.**
* **Skilled in performing exploratory data analysis (EDA) using Pandas to gain insights into data distributions, correlations, and patterns.**
* Experience in handling, configuration, and administration of databases like **MySQL** and PLSQL databases like **MongoDB** and Cassandra.
* Experience using micro services (**spring Boot, Spring Rest**), Web Services (REST, SOAP) and Service Oriented Architecture (SOA).
* Proficient in developing dynamic web applications using **ThymeLeaf** within Java-based web frameworks such as Spring MVC
* Extensively involved in upgrading the existing system from **Angular 4**to **Angular 7**.
* Worked on **Lambda Expressions, Functional interfaces Stream API's, Time API,** and Improvements on Collection, Concurrency, and IO improvements by using Java 9.
* Used Spring **Kafka** API calls to process the messages smoothly on Kafka Cluster setup.
Strong working knowledge of Database Programming using **SQL, PL/SQL and Stored Procedures.**
* Hands-on experience with serverless computing platforms such as **AWS Lambda, Azure** Functions within Java-based applications.
* Utilized Java to extract, transform, and load data into Power BI for efficient reporting.
* **Worked in container-based technologies like Docker, Kubernetes and Openshift.**
* Hands-on experience in **OOP’s, Data Structures** and **Multithreading** concepts.
* Maintain high standard of quality and adhere to best coding practices.
* Hands-on experiences in building application with **Maven** and **Gradle**.
* Able to assist in the development of performance test plans including identifying the purpose, scope, assumptions and constraints, overall approach, methodology, performance testing tools, monitoring details, quantitative metrics, load testing, resource monitoring, artifacts, testing scenarios, defect and resolution, infrastructure optimization and retest activities
* Experience with Web/Application servers like **Web Sphere**, **JBOSS** and Tomcat Server and configuring them.
* Expertise in using **Jenkins for Continuous integration (CICD)** of the projects and **Jira** for project tracking.
* Used **Splunk** and AWS PCF for analyzing the web service traffic and logs.
* Ability to Translate Business needs into Technical Requirements that enable the client’s business objectives.
* Responsible for data warehouse migration from Netezza at on premise to Redshift DB in **AWS.jm.**
* Experience working with both **Agile (Scrum) and Waterfall** environments.
* Experience in Cloud Computing using PCF, **Docker/Kubernetes(K8S)**, AWS EC2 and S3
* Experience in Converting existing **AWS** Infrastructure to Server less architecture (AWS Lambda, Kinesis), deploying via Terraform and AWS Cloud Formation templates.
* **Junit/Mockito** for unit testing**, swagger** for API documentation.
* Expert in version controlling tools like SVN, **Gitlab, Bitbucket**
* Excellent written and verbal communication skills, presentation, and problem-solving skills.

**PROFESSIONAL EXPERIENCE**

**Client : Verizon, TX  Jan 2024 – May 2024 Role : Sr. Java Developer**

**Responsibilities**

* Involved in all phases of the Software development life cycle (SDLC) using Agile Methodology.
* Designed and implemented the application using various Spring Framework modules Spring IOC, Spring MVC, Spring AOP, Spring Security, Spring Boot, Spring Web Flow, Spring Data, Spring Cloud, Spring Integration and Hibernate.
* Used Spring IOC for dependency injection and make the application loosely coupled and Spring AOP for logging purposes.
* Ensure that payment gateway project complies with relevant payment regulations, such as PCI-DSS (Payment Card Industry Data Security Standard), to maintain the security and privacy of customer data.
* Worked on the functionality to process payments securely. This includes handling various payment methods such as credit cards, debit cards, and digital wallets. Implement features like card validation, transaction authorization, and capturing payment details.
* Experienced in integrating Thyme Leaf with Java-based backend systems and Spring framework for building robust and scalable web applications.
* Real time streaming the data using Apache Camel.
* Implemented the authentication, authorization and access-control features by using Spring Security and LDAP.
* Worked on pushing the data to DB. Used Mongo DB and Dynamo DB (AWS). Worked on creating documents in Mongo database
* Worked with OpenShift platform in managing Docker containers and Kubernetes Clusters.
* Experience with tools like Experience with Docker Images/containers and kubernetes.
* Expertise in handling missing data and outliers using Pandas' methods for imputation, removal, or interpolation.
* Used Apache Kafka for streaming real-time data pipelines and streaming of the application data to achieve asynchronous messaging.
* Experience in Integrated Java applications with Power BI for data visualization and reporting.
* Experienced on Managing the local deployments in Kubernetes and creating local cluster and deploying application containers.
* Implemented Restful and SOAP based web services using JAX-RS and JAX-WS respectively.
* Utilized Java 8 features like Lambda expressions for collection evaluation and comparing the data, Stream API for Bulk data operations on Collections which would increase the performance of the Application, Parallel operations on collections for effective sorting mechanisms and to change the sequential stream flow of threads while session establishment.
* Micro Services were being used as a strategy to gradually replace a core monolithic application while still adding business features.

**Environment**: Java, J2EE, Kafka, Spring IOC, Spring MVC, Spring AOP, Spring Security, Spring Boot, Golang, Spring Data, RESTful services, SOAP, Micro Services Architecture, Amazon Web Services, Hibernate, JDBC, Oracle, Mongo DB, JUnit, Mockito, Graph QL, Gradle, Web Sphere Application Server, Jenkins, Git and Intellij.

**Client : Deloitte/HHS TX    Aug 2022 – Oct 2023**

**Role: Java Developer**

**Responsibilities**

* Designed CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
* Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
* Scheduled, deployed and managed container replicas onto a node cluster using Kubernetes
* Deployed Spring Boot based micro services Docker container using Amazon EC2 container services and using AWS admin console.
* Designed and implemented Apache Kafka-based solutions using Confluent Platform for processing real-time data streams.
* Knowledge of advanced data manipulation techniques in Pandas, such as handling hierarchical indexing, multi-indexing, and categorical data.
* Created interactive dashboards and reports in Power BI to present key insights from Java-based data.
* Worked with MongoDB to execute queries on the data persisting in MongoDB cluster.
* Implemented Object-relation mapping in the persistence layer using Hibernate (ORM) framework. Extensively used DAO patterns, including mapping DAO objects, configure file and classes to interact with database.
* Experienced in implementing Jersey-based RESTful services within Java applications, including handling HTTP requests and responses, routing, and resource mapping.
* Involved in designing and creating the Database Tables using PostgreSQL Database.
* Implemented Spring boot security for authorization and authentication using JWT token for user access between client and servers.
* Experienced in implementing relational databases involved in application development using RDBMS like MySQL, Oracle, Mongo DB, DB2.
* Used Hibernate to store the persistence data into the PostgreSQL database and wrote HQL to access the data from the database.
* Built Micro Services for various business layers.
* Used Spring Cloud for service registration and identification.
* Written JPA repositories using Spring to connect with database.
* Used Bootstrap and AngularJS in effective web design.
* Involved in developing the web page using HTML, CSS, JAVASCRIPT and AngularJs.
* Built Web pages that are more user-interactive using AngularJs, Jasmine, Karma, HTML5, CSS3, LESS, RESTful API Services, JavaScript, Bootstrap, JSON.
* Experience in developing web applications and implementing Model View Control (MVC) architecture using server-side applications like Django, Flask and Pyramid
* Enhanced application performance by Angular 7 Component based development in view of future AngularJs framework transitions.
* Worked on developing Restful endpoints to Cache application specific data in in-memory data clusters like Redis and exposed them with Restful endpoints by using Redis Cache Used Lambda expressions/Steam APIs for iterate, filter and retrieving data from collections.
* Extensively used Java 8 features such as lambda expressions, Parallel operations on collections, multithreading and for effective sorting mechanisms.
* Involvement in using collections in Java for manipulating and looping through different user defined objects.
* Used Streams and Lambda expressions available as part of Java 8 to store and process the data.
* Implemented multi-threading using Java Concurrency API to improve the processing of data feeds.
* Container packaging /Deploy Container in Development Environment on testing packaging scripts, health monitoring APIs, Log configurations, environment attributes & deployment parameters including port mappings.
* Enable Spring Cloud (Eureka service discovery) and Spring Cloud Config on existing application.
* swagger feature enabled for API documentation
* Authentication & Authorization using OAUTH2(Spring security).
* Ensure that standards and guidelines are created for all aspects of technology being used in the delivery
* Worked on Docker container snapshots, attaching to the running container, removing images, managing containers
* Performed Continuous Integration and Continuous Deployment (CI/CD) using Jenkins.
* Worked closely with QA Team to resolve the defects in all environments.

**Environment:** Java 1.8, Spring Boot, Spring Cloud, PCF, Tomcat, Spring REST, Apache Kafka for Events, STASH - Version control, Junit, Mockito, log4j, JIRA, Confluence, Bit Bucket and Maven, Gradle, Jenkins, Sonar, Angular, JavaScript, Splunk, Mongo DB, MySQL (RDBMS) Cloud version, k8s, Docker, Apigee, UNIX, AWS S3 for object store/Distributed file system,

JPA/Hibernate/Spring Data.

**Client : Verizon, TX    Feb 2020 - Dec 2021**

**Role: Java Developer**

**Responsibilities**

* Built Micro Services for various business layers.
* Used Spring Cloud for service registration and identification.
* Written JPA repositories using Spring to connect with database.
* Used Bootstrap and AngularJS in effective web design.
* Created and maintained various DevOps related tools for the team such as provisioning scripts, deployment tools and staged virtual environments usin Docker and Varant.
* Designed CSS templates for use in all pages on the website working with CSS Background, positioning, text, border, margin, padding, and table.
* Applied optimization techniques to reduce page size and load times to enhance user experience using sprites.
* Experienced in integrating JasperReports with Java-based backend systems and various data sources such as SQL databases, JSON, and XML.
* Worked with OpenShift for Platform as a service with configuration management
* Build highly available content distribution sites by using CI/CD tools like Chef, Ansible, Docker, Maven, Jenkins, Jira, Kubernetes etc.
* Implemented Object-relation mapping in the persistence layer using Hibernate (ORM) framework. Extensively used DAO patterns, including mapping DAO objects, configure file and classes to interact with database.
* Implemented Spring boot security for authorization and authentication using JWT token for user access between client and servers.
* Involved in developing the web page using HTML, CSS, JAVASCRIPT and AngularJs.
* Built Web pages that are more user-interactive using AngularJs, Jasmine, Karma, HTML5, CSS3, LESS, RESTful API Services, JavaScript, Bootstrap, JSON.
* Experience in developing web applications and implementing Model View Control (MVC) architecture using server-side applications like Django, Flask and Pyramid
* Enhanced application performance by Angular 7 Component based development in view of future AngularJs framework transitions.
* Worked on developing Restful endpoints to Cache application specific data in in-memory data clusters like Redis and exposed them with Restful endpoints by using Redis Cache Used Lambda expressions/Steam APIs for iterate, filter and retrieving data from collections.
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* Enable Spring Cloud (Eureka service discovery) and Spring Cloud Config on existing application.
* swagger feature enabled for API documentation
* Authentication & Authorization using OAUTH2(Spring security).
* Ensure that standards and guidelines are created for all aspects of technology being used in the delivery
* Performed Continuous Integration and Continuous Deployment (CI/CD) using Jenkins.
* Worked closely with QA Team to resolve the defects in all environments.

**Environment:** Java 1.8, Spring Boot, Spring Cloud, PCF, Tomcat, Spring REST, Apache Kafka for Events, STASH - Version control, junit, Mockito, log4j, JIRA, Confluence, Bit Bucket and Maven, Gradle, Jenkins, Sonar, Angular, JavaScript, Splunk, MySQL (RDBMS) Cloud

version, k8s, docker, Kubernetes, apigee,UNIX, AWS S3 for object store/Distributed file system,

JPA/Hibernate/Spring Data.

**Client: Novartis, East Hanover - NJ Feb 2018– Jan 2020**

**Full Stack Java Developer**

**Responsibilities:**

* Actively involved in Analysis, Design, Development. Successfully followed agile methodology in the Scrum Cycle model.
* Used Java -J2EE patterns like Model View Controller (MVC), Business Delegate, Data Transfer Objects, Data Access Objects, factory patterns.
* Designed and developed the End Points (Controllers), Business Layer, DAO Layer using Hibernate/JDBC template, using Spring IOC (Dependency Injection).
* Implemented client-side Java-beans for DAO pattern. Evaluated Prototype JavaScript Framework.
* Involved in designing and creating the Database tables using PostgreSQL Database.
* Enterprise Container Services, and today using AWS Faregate. implemented Micro Services framework with Spring Boot, OpenShift containerization platform (OCP).
* Extensively used MVC, Factory, Delegate and Singleton design patterns.
* Implemented SOA to develop REST Based Web services using Apache Axis.
* Developed REST Web Services clients to consume those Web Services as well other enterprise-wide Web Services.
* Created JSON Data and stored as documents comprising documents, data types and conversions in MongoDB.
* Expertise in creating and consuming web services according to the Representational State Transfer (REST) architectural pattern using JAX-RS API.
* Created Kubernetes file for replication controller and define nodes and service information.
* Worked in container-based technologies like Docker, Kubernetes and Openshift.
* Created Web Services Using JAX-RPC, JAX-M, JAX-WS, JAX-RS.
* Create REST Services using JAX-RS with Jersey and REST Easy, Apache CXF implementation.
* Designed and Developed Presentation Tier using Spring MVC and JSP integrating Custom Tags, JSTL, JSP Expression Language and AJAX.
* Implementing Git lab CI, Git lab, docker, maven.
* Containerizing the integration process by Git lab CI within docker using Microservices and Spring Boot.
* Used New Version of Java 8 API with new features for bulk data operations on collections.
* Java 8 IO improvements in the new features used in development.
* Modified the Spring Controllers and Services classes to support the introduction of Spring framework.
* Developed Application to assess JSON and XML from Restful web service from consumer side using AngularJS.
* Used Spring Boot which is radically faster in building cloud Microservices and develop Spring based application with very less configuration.
* Used ANT, Maven and Gradle scripts for building and deploying the application in web/App servers.
* Used JIRA to assign, track, report and audit the issues in the application.
* Deployed the source code on SVN (Subversion) source code repository.

***Environment:*** Java 1.8, Spring 5.0, Spring Boot, Microservices, Maven 3, Angular JS 7.0, HTML5, CSS3, JQuery, Jenkins, Kubernetes, XML, XPATH, Selenium, WebLogic 12, Hibernate 4.2, Oracle 11g, PL/SQL, AA11.3.2, SAP, SQL, JavaScript, SQL Server, Microsoft Office, SOAP, REST, Agile-Scrum (Jira), GitLab.

**NIC, Hyderabad, INDIA. Jan 2015 – July 2017**

**Java Developer**

**Responsibilities:**

* Involved in Analysis, Design, Development, UAT phases of the application.
* Developed REST web services for implementing the business logic for different functionalities in the features that are developed.
* Manage and suggest improvements on API documentation along with some competency writing when managing API docs.
* Improved the throughput using the concepts of multithreading like Executor Services & Concurrency API.
* Experience with and understanding of AWS architecture and services, including EC2, S3, RDS, Elastic ache, and VPCs.
* Developed java modules implementing business rules and workflows using Spring Boot.
* Responsible in developing and consuming REST web services and working in a micro-service environment.
* Designed and developed the REST based Micro services using the Spring Boot.
* Refactored the code for JVM Optimization and performance of application.
* Implemented J2EE standards, MVC architecture using Spring Framework.
* Worked on Spring Core layer, Spring ORM, Spring AOP in developing the application components.
* Developed the application using Eclipse IDE and worked under Agile Environment.
* Added the required jar files to the application as dependencies to the pom.XML file.
* Used JPA with Hibernate provider and implemented business logic components using POJOs.
* Worked on serialize and de-serialize of data in applications using JSON
* Developed test cases for Angular code using karma and protractor.
* Utilized Postman for verifying the smooth workflow of the application, how the application is changing with the newly developed functionalities and also verified the output for the web services.
* Wrote Junit test cases for testing the functionality of the developed web services.
* Utilized CSS, HTML and JavaScript for the development of the front-end screens.
* Actively participated in the daily scrum meetings and bi-weekly retro meetings for knowledge sharing.
* Used JIRA for tracking the daily work.
* Used GIT for version control.
* Involved in writing program documentation and technical specification documents

***Environment:*** Java 1.7/1.8, CSS, HTML 5, Spring 4.0, JPA, Hibernate 3.0, JMS, AWS, Maven, Log4J, JavaScript, JUnit, MySQL, SQL Server, GitHub, Angular 7, REST Web Services, Jenkins, JUNIT 4.0, J Mockito, JIRA

**NIC, Hyderabad, INDIA. Mar 2011 – Dec 2014 Java Developer**

**Responsibilities:**

* Reviewed the functional, non-functional requirements and high-level designs.
* Worked with Waterfall Methodologies.
* Migrated Struts application to Spring MVC.
* Built the application based on Java enhancements of Exceptions and Collections at service layer.
* Developed application using Struts MVC, Spring Dependency Injection and Hibernate as the ORM tool.
* Developed web pages using HTML, CSS, and JavaScript.
* For logging and other functions used Spring AOP and Spring IOC Framework to implement them.
* SoapUI is used for web services testing.
* Developed Multi-Threaded/Concurrent applications.
* Implemented Collections for managing the dynamic data and other Core Java APIs.
* Developed lookup tables and Views to speed up queries.
* Tested the functionalities of the business using JUnit at developing level before committing to QA team.
* Developed and deployed the web application EAR Riles on to Apache Tomcat Server.
* Worked in Quality analysis (QA) and testing.
* Resolved bugs/defects in application by coordinated with team members of the project to assure a positive

outcome.

* Used Eclipse IDE to integrate the different frameworks to build the overall application.

**Environment:** Java, HTML, CSS, JavaScript, Spring DI, Struts MVC, Spring AOP, Hibernate, Oracle SQL, XML, Multi- Threaded/Concurrent, Collections, SOAP, SoapUI, JUnit, JVM, Apache Tomcat, Eclipse IDE, Waterfall.