**MANASA PATANGE**

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 Professional Summary

* **Java Developer** with over **7+ years** of experience in Object Oriented Programming, design and development of Multi - Tier distributed, Enterprise application using **Java & J2EE** technologies.
* Experience with complete **Software Development Life Cycle (SDLC)** using various methodologies like **Agile Methodology (Scrum, XP),** and **Waterfall.**
* Experience with **Java 8** features such as **lambda expressions, Parallel operations on collections and for effective sorting mechanisms**, Factory classes, Design Patterns, microservice, Spring, Web Services, XML,XSLT,JSF, Linux **and new Date Time APIGateway** and**UML** is used for object-oriented design tools such as Rational Rose for sequence and class diagrams and worked on Clover batch based on peer programming**.**
* Experience with ES6 modules, which provide a standardized and modular approach to organizing and sharing JavaScript code and Microsoft Office Tools such as Project, Excel, Word, PowerPoint.
* Expertise in using**Kafka-Streams**, **Snowflake**, **MacOS, Linux, Windows, JavaScript,Typescript, Swagger, Git,Nexus,GitHub, Bit bucket,JDK, Junit,NUnit, Mockito,Mock Server, Selenium,Cucumber/Gherkin, Karate,flink, flume.**
* Developed automation framework using Selenium, Cucumber, Grade Maven, Bamboo and TestNG with Java; Parasoft SOA, Restful API Gateway and **Postman** in QA Automation tools Discovery.
* Proficient in **Docker, Orchestration**and **Kubernetes**based container deployment to create shelf environments for dev teams and containerization for the environments for a quicker delivery & releases for building automation and SOA REST based web applications JAAS, SSL/TLS/SSO/LDAP and Strutsalso used Maven,Bamboo, Spring Data, Swagger,tcServer, Websphere,WSAD, MQ Series Tomcat, tcServer, Jboss, Weblogic, Ant and Gradle used for performing Cloud SQL Formation and Control Tower using data structures, algorithms for design patterns (GoF).
* Experience working Java, Servlets JEE, Web Services in Groovysuch as Docker hub, creating **Docker** images and handling multiple images primarily for middleware installations and domain configuration.
* Configuring the **Docker, DynamoDB** and **Kubernetes** containers and creating Docker files, Docker compose files for different environments and Integrated and version controlled them.
* Responsible for developing validations scripts (Regular Expression validations, Authentication Validations, Custom Validations using **JQuery and Grails applications.**
* Experience with integrating **AppDynamics** with other tools such as APM or log management tools, mention your ability to design and implement integration solutions using AppDynamics APIs or other integration methods.
* My role for this job assignment requires the use of C/C++, Oracle, Kudu, Denodo, UNIX (AIX) **Shell Scripting**, Perl Scripting, ETL, Various File Transfer procedures & protocols, Automated Test-driven development for TDD and BDD Case Tools, CVS / RCS Source Code Control Systems and Conducting the End User Technical Training Sessions.
* Experience with **Kotlin frameworks** and **libraries, such as Kotor, Room, and Retrofit.**
* Strong knowledge of object-oriented programming principles and design patterns in **Kotlin**and Jasmine/Jest.
* Created HTML5 applications using jQuery, jQuery-mobile, Big query Sencha touch, backbone.js, require.js.
* Also having Swift UI and Experience with a MQ/JMSMessage Queuing technology such as IBM,JMS,AMPQ.
* Extensively worked on **Jenkins Pipeline and Java Spark**based on ETL for continuous integration and for End-to-End automation for all Build and deployments API Gateway Development and Application Programming, Microservices, OpenID Connect (OIDC), Ping, Security Assertion Markup Language (SAML), Service-Oriented Architecture (SOA), Jira,Bitbucket, GitLab, Artifactory System, Swagger, Postman, SOAP UI, Confluence, ServiceNow,**Oops, Multithreading, Spring Boot, Microservices, Cassandra, Spark Framework, MongoDB, SOLR, REDIS, software patterns, Kubernetes, Docker, GIT, Nexus, AzureDevops, Jenkins, jFrog SonarQube, Checkmarx, UX, yml and Struts.**
* Web Applications using **Java/J2EE, JSF, JQuery, Ajax, Java Script, Servlets, CSS, JMS,JAXB,JDBC,JSP/Tiles,JAAS, SSL/TLS, Jackson Struts**and modern applications like Spring boot, Spring batch, Spring JPA,Ext JS.
* Integrated front-end components with Play Framework, utilizing HTML, CSS, and JavaScript.
* Experience with database backup and recovery and Implemented data backup and recovery procedures using SQL.
* Expertise in Oracle SQL Developer, IDE queries and Stored Procedure/Function.
* Responsible for defining branching & merging strategy, check-in policies, improving code quality, automated Gated Check-ins, defining backup and archival plans and S3, CDK, CloudFront, Lambda,DB2, Oracle or Sybase database ECS, DynamoDB RDS, CloudWatch, SNS, MSK, SQS, myBatis, JPA, Kinesis and JIRA, Bitbucket, Nexus, Confluence, Gradle,Git, Jenkins, Maven, Bamboo, GitHub, Elasticsearch, Logstaash, kibana, SonarQube.
* Experience in MS Azure IoT Hub, Azure Service Bus and/or Event Hub,NiFi, Cosmos DB and/or Aurora PostgresSQL.
* Experience in developing RESTful APIs, Apache Ant, SVN, REST, REST Assured and web applications using Spring WebFlux based on Drools and Spring MVC.
* Optimized Drupal websites for speed and performance, including caching strategies and code optimization.
* Hands-on experience on Service registries like Consul and Vault. Experience in designing the logical and physical database structure using **MYSQL** and **No SQL DB** like MongoDB and OracleDB.
* Achieved zero downtime cloud deployment thereby increasing efficiency Strong use of Shell scripting languages including **Python, Weblogic, Bootstrap,IntelliJ, BASH for Linux/ Unix Shell , IBM MQ/Rabbit MQ, NOSQL and Mac platforms and SONAR**used database such as RDBMS**.**
* Experience in XML,XPath, XSLT, JSF,DOM/SAX Parser, Shell Scripting,argo for CI/CD pipelines tools such as Gitlab, Bitbucket, Jenkins and also used OpenShift.
* Proficient in programming languages commonly used in distributed systems, such as Java, Python, or Go.
* Expertise in containerization and orchestration technologies like Docker and Kubernetes.
* AWS Experience in EC2, Route53, ECS, CloudWatch, Secrets Manager, S3, CloudFront, Kinesis, CDK, IAM, ALB, VPN and Security Groups,API, Gateway, SNS, SQS, MSK, Lambda, RDS, Fargate, IAM, SSL, Terraform Scripting, AWS CodeBuild, AWS CodeCommit, AWS CodePipeline, AWS Lambda, AWS EKS, API Gateway, AWS CLI,AWS ECS,SCP, Landing Zone,Cloud Formation,Autoscaling,DocumentDB and Serverless Deployment.
* Ability to analyze and debug **Datalog**queries and rules, and your ability to use Datalog's debugging tools and techniques such as trace analysis, rule analysis, and test case generation.
* Experience with J2EE design patterns, Spring, JSF, PrimeFaces, and Hibernate framework, Liquibase/Flyway, MySQL, MS SQL Server, Oracle, Object Mapping, Query performance tuning, Aurora Postgres SQL, MongoDB, MS Access.
* Excellent configuration management using Puppet,Chef and Ansible.

**Technical Skills:**

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| **Languages** | Java (JDK 1.1, J2SE 1.3/1.4/5.0, Java SE 6, Java SE 7, 8,11), SQL, PL/SQL, C, C++, Javascript, Typescript, Scala 2.10, HTML, JSON, REST, SOAP, Python |
| **APIs** | JDBC, JMS, JNDI, JPA, JSF, JSTL, JSP,JMS, EJB, SOAP, JQuery, SOA |
| **Design Patterns** | MVC, DAO, DTO, Front Controller, Session Façade, Business Delegate, Observer, Singleton, View Helper, Decorator etc |
| **Frameworks** | Hibernate, Spring, Spring Boot, JSF, Struts Framework, Spring Batch,Auth, UNIFACE, Jasmine, Karma, Junit, Mockito, Sling |
| **Application Servers** | WebLogic, JBoss, Apache Tomcat, WebSphere |
| **IDE** | Eclipse 3.x, RAD, WebSphere Studio Application Developer (WSAD), NetBeans, JBuilder |
| **Build and Test Tools** | Ant, Maven, Junit, Gradle, GitHub |
| **Databases** | Oracle, MySQL, SQL Server, Hibernate, NOSQL, RDBMS |
| **Operating Systems** | Windows XP, Sun Solaris, Red Hat Linux, UNIX  |

 Work History

**Client:Kohls, Menomonee Falls WI Aug 2021 - Present**

**Role: Senior Java Developer**

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC),** including requirement gathering, modeling, analysis, architecture design, prototyping, developing, and testing.
* Developed complex SQL queries, DB2 and optimized them for performance using indexing, query plans, and database profiling tools.
* Demonstrated expertise in designing REST APIs with a focus on resource identification, statelessness, and uniform interface constraints.
* Developed a web-based reporting for credit monitoring system with **HTML5, XHTML, JSTL, JAXB, Jackson** and **JavaScript.**
* Involved in designing and developing the front end of the application using **Vue.js Java script, AJAX, HTML5, CSS3/SCSS** preprocessor such as **SASS**and also used JSON Web Token**.**
* Developed using new features of **Java 1.8Annotations, Generics, Lambda Expressions** enhanced for **loop and Enums.**
* Developed the application using **spring Data JPA Framework**such as tag libraries, iBatis and that leverages classical **Model View Controller (MVC)** architecture and IRAD tool is been used for design patterns (GoF).
* Experience in identifying and defining bounded contexts within complex domains. Demonstrate ability to segment a large system into smaller, more manageable components while preserving the integrity of each context.
* Experience in deploying and managing applications on **WebSphere**. For successfully deployed and monitored applications, configured server environments, and optimized performance and scalability based on Azure Cloud.
* Familiarity with **Kotlin's** interoperability with Java, enabling seamless integration of legacy codebases on Guide developers and worked on Hadoop such asHDFS, HBase, Phoenix, Hive, Pig.
* Created detailed API documentation using tools like Swagger or OpenAPI, outlining endpoints, request/response formats, and usage.
* Experience in connecting PHP applications to databases like MySQL, PostgreSQL, or MongoDB and worked with databases and performed CRUD (Create, Read, Update, Delete) operations.
* Expertise in designing and implementing stream processing applications using **Apache Flink**, including concepts such as data streams, windowing, eventhub time processing, and state management based on Redhat PAM.
* Created API automation test scripts using **Postman** API and Java Script / Newman command-line collection runner.
* Extensively used **JQuery** as code behind for all webpages in MSDN and TechNet, and developed JQuery Model Popup’s and dynamically generating HTML content API and Hooks based in response JSON/WSDL/XML Format data from WCF service call and appending into a web pages and payloads even performed FileAid and CA EasyTrieve.
* Involved in designing and developing the front end of the application using **Vue.js Java script, AJAX, HTML5, CSS3/SCSS** preprocessor such as **SASS**and also used JSON Web Token and worked on ELK**.**
* This job opportunity required the use of a UNIX Developer to work in Production Support as a Batch Architect utilizing CI/CD pipelines and UNIX **Shell Scripting,UX, Bootstrap** Confidential Scheduling System, NOSQL, Stored Procedures, and Triggers and Product Catalog for checkout of the items.
* Configured database clustering, DB2 and high availability solutions to minimize downtime and provide continuous access to data.
* Ability to integrate **Apache Kafka and Webpack 4** with various data sources and sinks and experience you have had with Kafka Connect, which facilitates easy integration with external systems, databases and data lakes.
* Implemented validations using JSF 2.0/Primefaces components and used **Python and EKS**.
* Hands-on experience in using version control tools including Git,STS/IntelliJ, SoapUI, Postman, Bit bucketand SCM system with GitHub, Jenkins,jMeter, Elasticsearch, Logstaash, Kibana and Codecloud.
* Developed code for handling bean references in **Spring framework** using DI, IOC using annotations.
* Developed **java modules**based on Java Spark and used javascriptand Typescript for implementing business rules and workflows using **Spring Boot, Bootstrap, Jersey, Liquibase/Flyway and Hibernate JPA.**
* Used **Spring Boot, Ajax, Splunk, JSP** for building cloud SQL technologies such as IaaS, PaaS, Serverless technology, NoSQL databases, micro-service design, DevOps **Microservices**for Azure App APIM, Cloud Foundry and Gateway quickly and develop spring-based applications with very less configuration.
* Experience in integrating**Vaadin**applications with databases using technologies such as JDBC, JPA, and Hibernate.
* Used **Spring Boot** at back-end which helps to develop application with ease and MQ/JMS.
* Responsible for creating and maintaining architecture for **Restful API** using **Spring Boot**from Oracle ATG framework**.**
* Developed the **ORM (Object-relational Mapping)** using **Hibernate** that can map the object BFS domain to the relational database and also used Schedule tool (CA-7).
* Worked on frameworks related to Kafka such as Kafka Connect, Kafka Streams, or Kafka MirrorMaker and understanding of the broader Kafka ecosystem and its associated technologies.
* Experience in designing and optimizing **distributed systems** for scalability and performance.
* Used **Eclipse** as the **IDE** and Web Logic as the application server and IBM WebSphere.
* Involved in designing and developing the front end of the application using **Java script.**
* Involved in developing **restful APIs** using **Node.JS** frameworks and also used **Netflix OS**.
* Used **JMS and Redis cache management, Guava/in memory cachingand Azure** for loosely coupled, reliable and asynchronous exchange of information among **J2EE** components.
* Worked on creation of **Docker**image and **Kubernetes**for using Orchestration System by PKS/OpenShift container images, tagging, pushing images, integrating Spring Boot, Spring Integration created the Docker, Orchestration based on containers and Docker consoles for managing the application life cycle and push to Docker registry.
* Experience securing RESTful APIs using Spring Security/OAuth 2 and knowledge of handling token-based authentication and securing endpoints for different user roles.
* Based on continuous improvement and learning, staying up-to-date with the latest OCI DevOps trends and practices.
* Developed and maintained enterprise-level software design principles such as SOLID, DRY and Single solutions using **Rational Toolset**, including Rational ClearCase and Rational ClearQuest for performing Web Service Development.
* Used **Log4j** framework to log/track application and CI/CD pipelines.
* Experience in Android/iOS native application development and in using MVC frameworks for **HTML5** applications.
* Experienced in building interactive user interfaces using Next.js.
* Used **Jenkins** server for code monitoring during code integration phase.
* Proficiency in using Redux DevTools to debug and monitor the application state, making it easier to identify and resolve state-related issues.
* Worked on **MongoDB** database concepts such as locking, transactions, indexes, Sharding, replication, schema design.
* Involved in creating basic **SQL** for **CRUD** operations such as Dynatrace, LogInsight/logback, Grafana, LokiGrafana, Prometheus, Elastic and advanced **SQL**and RDMS for procedures.
* Developed the web application with **Agile** methodology.
* Experience in working with **JCL and VSAM** libraries, including defining and managing cataloged procedures and symbolic parameters.
* Understanding of **CICS** API programming and integration with other systems or technologies.
* Also Experienced in CodeCloud, JBoss/Wildfly, PERL, Shell Script, JSON, XML, Linux Shell Scripting.

**Environment:** Java 8, spring, JMS, SAP JCO, MVC, Spring Boot, Micro Services, Hibernate, RESTFul, Javascript, Typescript,Eclipse, Node.JS, JMS,Apache CXF,Next.JS, GCP,JDBC, Apache Beam, JSP,Apache Spark,Visual Studio, Servlets, Postman,Grade Maven, Azure, Docker, Kubernetes, EJB, Log4j, JUnit, Jenkins, SOAP, MongoDB, SQL, Agile and Windows.

**Client:Sutter Health, Sacramento CA Nov 2019 – Jul 2021**

**Role: Senior Java Developer**

**Responsibilities:**

* Responsible for gathering business requirements, review the requirements and converting them to detailed design documents by using Redhat PAM and clarification documents.
* Manipulated and processed data using COBOL's data manipulation features, including MOVE, COMPUTE, and arithmetic operations.
* Involved in designing and developing the front end of the application using**Java script, AJAX, HTML5, CSS3/SASS, LESS** and used NPM package for reactive programming.
* Proficiency in design tools such as Adobe XD, Sketch, Figma, or others commonly used in UI/UX design.
* Involved in designing and developing the front end of the application using **Vue.js Java script, AJAX, HTML5, CSS3/SCSS** preprocessor such as **SASS**and also used JSON Web Token**.**
* The Kafka APIs are proficient such as the Producer API, Consumer API, or Streams API and libraries or tools used in conjunction with **Kafka**, such as Kafka Streams, Confluent Platform, or Schema Registry.
* Understanding and usage of the spread and rest operators in **ES6**, allowing for easily spreading array elements or gathering function arguments for scaling, Java Garbage Collection, Tuning.
* Experience in utilizing Redux Middleware to handle asynchronous actions, side effects, and API calls and Middleware libraries worked with Redux Thunk, Redux Saga or Redux Observable.
* OPA to implement fine-grained authorization checks for APIs, ensuring secure and controlled access to resources.
* Used **Eclipse** tools for application development and worked on EcmaScript specifications.
* Developed a web-based reporting for credit monitoring system with **HTML5, XHTML, JSTL** and **JavaScript.**
* Used CSS modules, styled-components, or other styling solutions for styling Next.js applications.
* The familiarity with integrating **Karma** with popular testing frameworks like Jasmine, Mocha, or Jest/Jasmine and experience in setting up and running tests written in these frameworks using Karma.
* Worked on **Java 1.8** features such as Lambda expressions for making anonymous inline function calls by using Functional Interfaces which makes code readable and concise.
* Interfaced COBOL applications with databases such as DB2, IMS for data retrieval, updates, and reporting.
* Designed and developed Application based on **spring Framework, microservices** using Struts **MVC** design pattern.
* Used **Spring Framework** for **dependency injection** for **Action classes** using **Application Context file**.
* Designed and developed the **RESTAPIsand batch**based **Micro services** using the **Spring Boot.**
* Developed the backend server with **Spring Boot**,**Bootstrap,Spring Cloud** involving different layers of the application including **entity/model, DAO/repository, Controller, Service, Business, and Persistence.**
* Responsible for developing a script which effectively handles all client side events (Button Click, Mouse Hover, Mouse Out etc.,) using **JQuery**.bind and .unbind methods for Abend-AID.
* Experience in connecting **UNIFACE** applications to databases. Also, expertise in data modeling, SQL queries, and database connectivity within the **UNIFACE framework and DynamoDB**.
* Implemented the application security such as NetSparker, JWT/OAAUTH, BurpSuite, OWASP using **Spring Boot** Framework and handled the security using **Spring Security and Spring ecosystem.**
* Used **Micro service** architecture with **Spring Boot and Java Spark** with ETL, iPaaS,SOA,API based services interacting through a combination of **REST APIs,IntelliJ, JSP, APIC, Message Broker (AMQ,WMQ), Maven, Batch, Apache Beam and Apache Flink** message brokers and used AWS based on CI/CD pipelines.
* Developed the persistence layer using **Hibernate JPA Framework,** created the **POJO objects** and mapped using **Hibernate annotations** and **Transaction Management.**
* Migrated data from legacy systems to DB2 databases using ETL processes.
* Experience with integrating OPA into Kubernetes or other cloud-native environments for policy enforcement at scale.
* Used **Eclipse** tool for application development and also used Spring Webflux.
* Used **Node.JS** for building web applications with client-server architecture where both can initiate communication in two-way connections and allows them to exchange the data and used Aurora PostgreSQL.
* **JMS** was used to send/receive asynchronous data from various modules in the application.
* Involved in Designing and deploying **AWS** solutions using **EC2, Cloud Watch, Cloud Formation, IAM,PCF, OpenShift, GCP dataflow, S3, CDK, CloudFront, Kinesis, RDS, EBS, EKS, Secrets Manager, ALB, Route53, Elastic Load Balancer, Elastic search or Lucene and Auto scaling groups.**
* Worked **Docker and Orchestration** used for container management along with volumes, container-based DB and services, Docker Artifactory configuration and setup.
* Developed deployment descriptors for the **CDI/EJB** to deploy on Web Sphere Application Server.
* Developed logging module using **Log4J** to create log files to debug and trace application.
* Developed **Junit, Test Containersand Gradle** test cases for testing the business services and carried out bug fixing by rigorous testing using **Junit/Mockito, Selenium.**
* Experience in using **Vaadin** framework to develop web applications with Java, and your knowledge of the framework's components such as layouts, buttons, tables, and forms.
* Worked on **Jenkins** for the Continuous Integration and Continuous Deployment.
* Worked in developing **Web Services (SOAP)** using **JAX-WS**and also used Servlets**.**
* Worked on **MongoDB** database concepts such as locking, transactions, indexes, Sharding, replication, schema design, etc.
* knowledge of how SQS supports auto-scaling and elasticity in distributed systems, allowing applications to handle varying workloads.
* Integrated SQS with other AWS services, such as Lambda, EC2, SNS (Simple Notification Service), and to create robust serverless architectures.
* Ability to optimize the performance of applications running on **WebSphere**.Even for analyzing application performance, identifying bottlenecks, and implementing optimizations, such as tuning JVM settings, configuring connection pools, or optimizing caching strategies.
* Involved in writing**SQL queries, PL/SQL stored procedures, JDBC drivers, Triggers**and**creating business tables.**
* Worked on an **Agile** (Scrum) Development Team to deliver Splunk process for regular updates to business team and project managers based on Typescript.
* Participated in day-to-day meeting, status meeting, strong reporting and effective communication with project managers and developers.

**Environment:** Java 8, spring, Spring Boot, Hibernate, MVC, Micro Services, Node.JS, JMS, AWS, Docker, EJB, Log4j, JUnit, Jenkins, Maven,Gradle, SOAP,Next.JS, Apache Flink,Servlets, Visual Studio, RESTFUL, JSP, JDBC,Typescript, MongoDB, SQL,Javascript, Agile and Windows.

**Client:Bridge Connector, Nashville TN Jan 2019 - Oct 2019**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Interacted with the business analysts to gather the requirements and understanding the functional design specifications for the requirements of the need of Javascript.
* Used **Spring MVC** framework at web tier level to isolate each layer of the application so that the complexity of integration will be reduced, and maintenance will be very easy.
* Used **Spring Framework** for front end development and **spring validator framework** for front end data validation.
* Designed and developed **Micro services** business components and **RESTful** service, Struts endpoints using **Spring Boot.**
* Developed **Spring Boot** applications that can extract data from **CSV and PSV** files using **Java 8** Files that read file into stream of lines.
* Maintained and modernized legacy COBOL applications, implementing enhancements and updates while ensuring backward compatibility.
* Involved in designing and developing the front end of the application using **Java script, AJAX, HTML5, CSS3/SASS, LESS** and used NPM package for reactive programming.
* Involved in developing **restful APIs** using **Node.JS** frameworks and used webpack.
* Ability to work in multidisciplinary teams on **distributed system** projects.
* Based on communication skills in explaining complex distributed system concepts to non-technical stakeholders.
* Experience mentoring or leading junior team members in distributed system projects.
* Implemented **Micro-services** using **Pivotal Cloud Foundry (PCF)** platform build upon **Spring Boot** Services.
* Created connections to database using **Hibernate JPA session Factory,** using **Hibernate APIs** to retrieve and store data to the database with **Hibernate transaction control.**
* Developed the Web Interface using **spring.**
* Used **Node.js** as a proxy to interact with Rest services and interacting with Database
* Developed **Message Driven Bean** for asynchronous sending Messages using **JMS**.
* Involved in developing applications with **Stateless Session EJB’s and Message Driven EJB’s.**
* Implemented **Log4J** for Logging Errors, debugging and tracking using loggers, and components.
* Performed unit testing using **Junit**, Test Containers and participated in integration testing and Expertise in building GUI using Primefaces.
* Involved in **RDBMS** database design using **SQL,** to write Stored Procedures, Functions, Triggers, prepared Statements for distributed Systems.
* Actively participated in **daily SCRUM meetings** to produce quality deliverables within time.
* Monitored team members to follow standards, guide lines and use new tools.

**Environment:** J2EE, spring, MVC, Spring Boot, Micro Services,Javascript, Hibernate, JMS,Node.JS, EJB, Log4j, JUnit, SQL, Agile and Windows.

**Client:CarePassport, Boston, MA Dec 2017 - Dec 2018**

**Role: Java Developer**

**Responsibilities:**

* Involved in **Agile Sprint** methodologies to do requirements gathering, analysis and planning. Involved in gathering requirements from existing functionality for the custodians.
* The application was developed in Java/EE based on **Spring Web MVC** framework.
* Written **Spring** components like Controller, Validator, Resource Mapping, Session Attribute, and Model Attributes using annotations and used URL mapping to handle the requests and present clients to customized view by using different view templates
* Designed and developed **Micro Services** business components and **Restful** service endpoints using **Spring Boot.**
* Implemented **Spring Boot Micro Services** to divide the application into various sub modules.
* Involved in writing **Spring Boot**Configuration files that contain declarations and another dependent object declaration.
* Created**Hibernate JPA** Named Queries in**Hibernate** mapping files and implemented them at DAO layer.Used**Hibernate** for Persistence layer. DAO wrapped all the Hibernate functions for Javascript technology.
* Developed and deployed **EJBs** into **BEA Weblogic**application server.
* Implemented **Log4j** for Logging Errors, debugging, and tracking using logger’s components.
* Wrote**JUnit** and used power mocks for unit testing the application code base.
* Created and consumed**SOAP Web Service**, for securely retrieving and consumption of consumer data through**WSDL**.
* Written **SQL queries,** stored procedures modifications to existing database structure as required per addition of new features.
* Followed **Agile Methodology** during the development process.
* Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.

**Environment:** J2EE, spring, MVC, Spring Boot, Micro Services, JavaScript,Hibernate, Restful, EJB, Log4j, JUnit, SOAP, WSDL, SQL, Agile and Windows.

**Client:Milaap, IN Apr 2015 - Nov 2017**

**Role: Software Developer**

**Responsibilities:**

* Participated in the discussion with the business experts to understand the Business requirements and translate them in to technical requirements towards development.
* Used **spring framework** for integrating the **MVC** components with business services.
* Utilized **Spring MVC** framework to implement design patterns like **IOC (Dependency Injection), Spring DAO (Data access objects), Data Transfer objects, Business objects, ORM Mappings.**
* Worked on **spring modules** like **Dependency Injection, Aspect Oriented Programming** and **Spring Mail, Spring JMS and Spring Data JPA Security.**
* Coded different action classes in **spring** responsible for maintaining deployment descriptors like **spring-config, ejb-jar**.
* Developed the **EnterpriseJava Beans (Stateless Session beans)** to handle different transactions such as online funds transfer, bill payments to the service providers.
* Developed deployment descriptors for the **EJB** to deploy on Web Sphere Application Server.
* Implemented the logging using **log4j** framework which is used to log both User Interface and Domain Level Messages.
* Developed Unit /Integration test cases using **Junit and also** Javascript for create of dynamically updating content API**.**
* Implemented **Service Oriented Architecture (SOA)** and web services using **SOAP**with **JAX-WS.**
* Database development required creation of new tables **PL/SQL stored procedures**, **functions**, **views**, **indexes** and **constraints, triggers** and required **SQL** tuning to reduce the response time in the application.
* Involved in complete development of**agile** methodology where there is a daily SCRUM meeting to understand the status and resolve any issues.
* Performed a thorough unit testing and resolved several data related issues before migration to production.

**Environment:** Java, MVC, spring, Hibernate, DAO, JMS, Log4j,Javascript, JUnit, Agile and Windows.

 Education

Bachelor of Technology: Computer Science

JawaharlalNehru TechnologicalUniversity–Hyderabad,India

Master of Science: Computer Science

University of North Texas - Denton, TX