**MANIRAJ NAKIRAKOMMULA**

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**Sr. Full Stack Java Developer**

**PROFESSIONAL SUMMARY**

* More than 10 years of professional experience in Cross-Platform (Web & Client-Server) application development and design using Object-Oriented Programming, Java/J2EE technologies.
* Expert in various Agile methodologies like Scrum, Test Driven Development (TDD), Incremental and Iteration methodology, Pair Programming, Agile Development Testing using Software Development Life Cycle.
* Expertise in configuring Webpack through the webpack.config.js file, customizing settings for development, production, and specific environments.
* Strong experience in UI frameworks JavaScript, React JS, Angular 6+ and Angular JS.
* Skilled in designing and implementing robust disaster recovery and backup strategies using AWS service.
* Highlight your proficiency in Java, along with expertise in frameworks such as spring, Hibernate, and/or Java EE for backend development. Also, emphasize your skills in frontend technologies like HTML, CSS, JavaScript, and popular frameworks such as Angular, React, or Vue.js.
* Successfully integrated Angular 6+ applications with RESTful APIs and backend services. Demonstrated proficiency in handling asynchronous data flows, implementing secure authentication mechanisms, and ensuring seamless communication between the frontend and backend, contributing to a robust end-to-end solution.
* Proficient in integrating native components into React Native applications, leveraging the framework's ability to interface with native modules for performance optimization.
* Extensive experience integrating React applications with RESTful APIs for seamless data retrieval and updates. Proficient in leveraging third-party libraries and APIs to enhance application functionality, demonstrating a commitment to staying current with industry best practices and technologies.
* Experience in building applications using various frameworks like Spring, Hibernate, EJB, JPA.
* Strong experience in Spring modules - Spring MVC, IOC, AOP, JDBC, JTA, IO, SpringBoot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul.
* Strong experience in Securing API's using OAuth2.0 token-based authentication/authorization scheme using Spring Security.
* Implemented state management in React Native applications using Redux, maintaining a centralized and predictable state for efficient data flow and application scalability.
* Strong experience on Microservices patterns - Hystrix, Aggregator, Proxy chaining.
* Experience in JMS over messaging to exchange the information in more reliable and asynchronous way in enterprise applications and used Apache Kafka, Active MQ, Rabbit MQ, AMQP as JMS provider.
* Showcase your experience working on both frontend and backend development projects. Mention any full stack frameworks or tools you're proficient with, such as Node.js, Express.js, or Spring Boot.
* Extensive experience handling and managing large-scale datasets in MongoDB, including efficient data modeling, indexing, and sharding strategies.
* Tested Restful web services using Postman, SOAP UI.
* Experience with Spring JDBC Templates, JMS Templates, Spring EAI, Spring Rest Templates.
* Experience in implementing SOA and Web Services using SOAP, RESTFUL, JAX-WS, AXIS.
* Expertise in using Amazon Web Services AWS. Extensive experience in focusing on services like EC2, VPC, Cloud Watch, Cloud Front, IAM, S3, Amazon RDS, Elastic Cache, SNS, SQS.
* Experience with Docker containers, AMI's to create Docker images/ containers and Kubernetes container orchestration system.
* Implemented containerization using Docker and orchestrated microservices with tools like Kubernetes for seamless deployment and scaling.
* Expertise in automating deployment processes using AWS CloudFormation and Infrastructure as Code (IaC).
* Strong Experience with build tools like CI/CD, ANT, Maven, and logging tools like Log4J.
* Used Version Control like CVS, SVN (Subversion) and Git.
* Strong Experience in Maven for build, Jenkins and SonarQube CI/CD.
* Experienced in writing unit test cases using Junit, Testing, Mockito and Wrote JUnit Test Cases for challenging environments.
* Strong experience in test driven development, particularly using JUnit framework.
* Worked on various testing frameworks for front end/user interface like Karma, Jasmine, Jest, Mocha, Chai etc.
* Demonstrate your familiarity with database technologies such as SQL and NoSQL databases like MySQL, PostgreSQL, MongoDB, or others. Mention any experience with database design, optimization, and management.
* Proficient in implementing BDD practices using Cucumber, fostering collaboration between developers, testers, and non-technical stakeholders through shared scenarios written in Gherkin syntax.
* Highlight your experience with version control systems like Git, and collaboration platforms like GitHub or GitLab. Employers value developers who are adept at working in team environments using these tools.
* Proficient in debugging Redux applications, utilizing tools like Redux DevTools and integrating logging for effective issue identification and resolution.
* Proficient in using CSS preprocessors like Sass and Less to enhance stylesheet maintainability, incorporating variables, mixins, and nested rules for efficient styling.
* Good Experience in Automation testing using Rest Assured framework and Selenium Web Driver.
* Good working knowledge of AWS, SpringBoot, Spring Cloud, Docker, Maven, etc. in developing applications which use cloud-based services.
* Good working knowledge in version control tools like GitHub, CVS, SVN, Rational Clear Case and Tortoise SVN.
* Led the design and implementation of microservices using Jakarta EE, applying standards such as JAX-RS for RESTful services and CDI for dependency injection to create modular and scalable components.
* Experience in using Web/Application Servers like IBM WebSphere 7.0, Apache Tomcat and JBoss, BEA WebLogic. Design Patterns (Session Façade, Value Object, DAO, DTO, Command, Singleton, Factory, Adapter, MVC, Service Locator etc.) using J2EE technologies.
* Managed consistency models in NoSQL databases, striking a balance between strong consistency and system performance based on the specific requirements of applications.
* Integrated Babel with Webpack for transpiling modern JavaScript (ES6 and beyond) into a compatible format for different browsers, ensuring cross-browser compatibility.
* Sound Experience in database modelling, design and development of PL/SQL stored procedures, packages in relational databases: Oracle 10g/11g, IBM DB2, MySQL, and SQL Server.
* Strong Knowledge on NOSQL database MongoDB, Cassandra as part of Open Source participation.
* Experience in JMS over messaging to exchange the information in more reliable and asynchronous way in enterprise Applications. Used Apache Active MQ, Rabbit MQ, AMQP as JMS provider.
* Experience in handling messaging services using Apache Kafka.
* Experience in writing unit test cases using JUnit, Testing, Mockito and Wrote JUnit Test Cases for challenging environments.

**TECHNICAL SKILLS SET**

Languages: C, C++, Java (1.6, 1.7, 1.8), SQL, PL/SQL, Shell Scripting Enterprise Java Servlet, JSP, JDBC, JSTL, Data structures.

Mark-up/XML /UI Technologies: HTML, HTML5, XSLT, JavaScript, Dojo, CSS, CSS3, XML, XSD, AJAX, jQuery, JSON, Angular 6, Angular 8, Node.js, React JS.

Tools & Framework: Struts, Spring Core (IOC), Hibernate, JPA, Spring MVC, Spring AOP, Spring Data (Spring JDBC, Spring JPA), Spring Boot, Spring Web Flux, Spring Batch, Spring Security and Spring Cloud.

Services: Web services Microservices, SOA Architecture, SOAP, RESTful, JAX-RS JAX-WS, Jersey

Middleware Technologies: JMS, RabbitMQ, Kafka, Spring AMQP, Spring Integration

Cloud Platforms: AWS (EC2, EBS, RDS, Lambda).

Web/App Servers/Containers: WebSphere, Apache, Tomcat, JBoss EAP, WebLogic and Docker.

Databases: IBM DB2, Oracle, PostgreSQL, Apace Cassandra, NoSQL MongoDB

Development Tools: Eclipse, Spring Tool Suite (STS), IntelliJ

Testing Tools/ Frameworks: SoapUI, Rest Client, JUnit, Mockito, Jasmine, Karma, Selenium, Cucumber,

Version Control Tools: GitLab, GitHub, Bitbucket.

Build-Automation Tools: (CI)/Issue Tracking Tools Maven, Gradle, Apache ANT, Jenkins, JIRA.

Design Patterns: MVC, Factory, Front Controller, Singleton, Observer and DAO patterns

**EDUCATION**

Bachelor of Technology in Computer Science – Kakatiya Institute of Technology & Science Warangal. (2009 July – 2013 May)

**PROFESSIONAL EXPERIENCE**

**Client: US Bank, MN**

**Role: Sr. Java Full Stack Developer Sep 2021 – Present**

**Responsibilities:**

* Involved in the implementation of complete Software Development Life Cycle (SDLC) that includes Analysis, Design, Development, Integration and testing phases. Followed Agile methodology in the Scrum model.
* Designed the Web application layout and forms using HTML5, CSS3, JavaScript, and jQuery.
* Developed user interface by using the React JS, Flux for SPA development.
* Implemented React JS code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF.
* If you have experience working in Agile development environments, mention it. Showcase your ability to work collaboratively, adapt to changing requirements, and deliver high-quality software iteratively.
* Used React-Router to turn application into Single Page Application.
* Integrated third-party modules and libraries into React Native projects, leveraging the extensive React Native ecosystem to enhance functionality and reduce development time.
* Demonstrated expertise in developing intricate web applications using React's component-based architecture. Proficient in designing reusable and modular components, resulting in streamlined development processes, enhanced code maintainability, and improved project scalability.
* Implemented stable React components and stand-alone functions to be added to any future pages.
* Worked in using React JS components, Forms, Events, Keys, Router, Animations and Flux concept.
* React JS code to handle cross browser compatibility issues in Mozella, IE 7, 8, 9, Safari and FF.
* Used React-Router to turn application into Single Page Application.
* Worked on ReactJS for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
* Provide examples of complex problems you've solved or challenges you've overcome in your previous projects. Employers value developers who can troubleshoot issues independently and devise efficient solutions.
* Started the front-end application with React and used state object React Class Component for general stateful management.
* Spearheaded the design of microservices modules, ensuring independence and autonomy. By breaking down monolithic structures into smaller, self-contained units, achieved greater fault isolation and ease of maintenance.
* Implemented stable React components and stand-alone functions to be added to any future pages.
* Implemented fault-tolerant microservices, enhancing system resilience. Employed strategies such as circuit breakers and fallback mechanisms to ensure continuous operation even in the face of service failures, contributing to higher system reliability.
* Designed and implemented high-performance data processing pipelines using AWS services like Kinesis and Glue.
* Describe projects you've worked on, highlighting your role, the technologies used, and any specific contributions or achievements. If possible, quantify your impact, such as improved performance, reduced bugs, or enhanced user experience.
* Utilized AWS ELB to distribute incoming traffic across multiple EC2 instances, ensuring fault tolerance and optimal application performance.
* Worked in using React JS components, Forms, Event, Keys, Router, Animations and Flux concept.
* Added dynamic functionality to the application by implementing jQuery, NodeJS.
* Responsible for the development and implementation of Jakarta EE applications with the latest JAVA 8 features mainly using lambda expressions.
* Extensively Worked on Java 8 features like Lambda Expressions for Communicating between Business layer and database Stream API for Bulk Data Operations on Collections using both streams and parallel streams.
* Implemented AWS Transit Gateway to simplify and scale network connectivity between Amazon VPCs and on-premises networks.
* Used Node JS for server-side web Applications, Real time communication.
* Design and developed the REST based Microservices using the Spring Boot, Spring Data JPA, Spring Cloud.
* If you have relevant certifications or have undergone specialized training in Java development or full stack technologies, include them in your resume to demonstrate your commitment to professional growth.
* Integrated Redux.js seamlessly with React.js, leveraging the library to manage the state of React components efficiently and facilitate predictable data flow.
* Implemented horizontal scaling strategies for NoSQL databases, distributing data across multiple nodes to achieve high availability and accommodate growing data volumes.
* Used a Micro Service architecture, with Spring Boot based services interacting through a combination of REST and MQ message brokers and leveraging AWS to build, test and deploy Identity Micro Service.
* Implemented horizontal scaling strategies for NoSQL databases, distributing data across multiple nodes to achieve high availability and accommodate growing data volumes.
* Used Rest Controller in Spring framework to create RESTful Web services and JSON objects for communication.
* Designed and Developed a Custom Connector Software in Java to fetch data from third-party security applications using RESTful webservices, storing in Kafka Message Queues and performing analytics for streaming data in real time using Apache Spark.
* Leveraged Webpack's dynamic import syntax to enable lazy loading, enhancing application performance by loading modules on demand.
* Developed Web API using NodeJS and hosted on multiple load balanced API instances.
* Implemented the Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Used Swagger to document the API's as well as used Apigee to check the communication across various applications.
* Involved in developing of design documents with UML class diagrams.
* Implemented pre-authentication and data base security using Spring Security and securing application access and Spring Batch for scheduling and maintenance of batch jobs.
* Implemented fail safe and circuit breaker patterns in Spring Boot Microservice applications using Hysterics, configured Swagger-UI to registered Microservice with Eureka server and monitored service health check from Spring Boot admin console and Spring Ribbon for load balancing.
* Used Hibernate in Spring Boot framework to connect the database and configured the WebSphere servers, database connections and participated in back-end Database programming using Oracle and developed SQL Queries using SQL Server.
* Experience with various OAuth authentication flows, such as Authorization Code, Implicit, Client Credentials, and Resource Owner Password Credentials (ROPC), selecting the most suitable based on application requirements.
* Worked in close association with the DevOps team to integrate the Amazon Web Services AWS with other applications infrastructure and build the application using the Maven tool.
* Configured and deployed Java and J2EE applications into application servers using J-Boss and Apache Tomcat.
* Implemented responsive web designs using CSS media queries, ensuring optimal user experiences across various devices and screen sizes.
* Effectively employed Mockito to write unit tests for legacy code, enabling gradual refactoring and ensuring the maintainability of existing systems.
* Successful execution of seamless data migration projects, involving the integration of MongoDB with various data sources and platforms.
* Integrated Redux DevTools extension, enabling advanced debugging capabilities and providing insights into state changes during development.
* Successfully integrated message queues into microservices architectures, enhancing communication between independently deployable services.
* Involved in writing test cases for unit testing the code using Junit and Mockito.
* Experience with building Docker Images and running them on Docker container.
* Configured Virtual Private Clouds (VPCs), subnets, and network ACLs to create secure and isolated environments for AWS resources.
* Worked with RabbitMQ and AMQP Java APIs for Queues to build the application as SOA platform.
* Implemented RabbitMQ message queuing for post processing after submission.
* Managed Docker orchestration and Docker containerization using Kubernetes.
* Worked on orchestration tool Kubernetes to provide a platform for automating deployment, scaling and operations of application containers across clusters of hosts.
* Developed and implemented effective disaster recovery plans for MongoDB databases, ensuring minimal data loss and rapid system restoration in case of unforeseen events.
* Migrated entire component from TFS to Bitbucket and maintained version control as well as code.
* Implemented broad range of AWS Cloud Services like EC2, S3, IAM, VPC, Route53, Lambda, Elastic search.
* Implemented coroutines in Kotlin for asynchronous programming, enhancing concurrency and simplifying complex asynchronous tasks in both backend and Android applications.
* Configured and optimized content delivery using AWS CloudFront, improving the speed and latency of delivering static and dynamic content.
* Implemented monitoring and logging mechanisms for message queues, utilizing tools like Prometheus or ELK stack to gain insights into system performance and troubleshoot issues.
* Deploy the application on Amazon Web services (AWS).
* Used Amazon Cloud Watch to monitor AWS services & Amazon Cloud Watch logs to monitor the application.
* Installed application on AWS EC2 instances and configured the storage on S3 buckets.
* Integrated GitLab into Jenkins to automate the code checkout process.
* Worked on building and deploying multi module applications using Gradle and CI servers like Jenkins.
* Generated and analyzed comprehensive test reports using Cucumber's built-in reporting mechanisms, providing clear insights into test results and identifying areas for improvement.
* Used JIRA for tracking the bugs and checking the tickets in the application using the AGILE methodology.

**Environment**: HTML5, JavaScript, NodeJS, React, Karma, WebSphere, Spring Boot, Spring Security, Hibernate, MongoDB, XML, JBoss, AJAX, Kafka, NodeJS , AWS, WebSphere , SQL , TFS , Bitbucket , jQuery , Oracle , Restful API.

**Client: FORD, DC**

**Role: Sr. Java Full Stack Developer Dec 2017– Aug 2021**

**Responsibilities:**

* Understand and adopt Microservices architecture to gradually replace a core monolithic application to Microservices.
* Actively participated in the Analysis, Design, Development and Testing phases of various modules.
* Expertise in spring based microservices, and enabled discovery using Eureka Server.
* Designed and developed RESTful Web Services using Spring Boot.
* Developed server-side application to interact with database using Spring Boot and Hibernate.
* Developed RESTful Services with Java using JAX-RS, Jersey and Spring Boot.
* Coding for consuming the REST APIs, getting JSON response and parsing them to get the required formats.
* Worked on Angular 6, used its two-way data binding to achieve the feedback functionality from the user.
* Don't forget to include soft skills such as communication, teamwork, and time management. These are essential for collaborating effectively with teammates, understanding project requirements, and delivering results on time.
* Developed the User Interface and validations using NodeJS and Angular 6 and used Karma to test scripts across browsers.
* Used Typescript for most components with Angular 6 framework.
* Championed the integration of microservices with DevOps methodologies, enabling seamless continuous integration and deployment (CI/CD) pipelines. This streamlined the development lifecycle, fostering a culture of automation, rapid releases, and improved collaboration between development and operations teams.
* Implemented Spring framework as backend to integrate Angular and Hibernate.
* Implemented concurrency control mechanisms using JPA optimistic and pessimistic locking strategies, ensuring data consistency in highly concurrent transactional environments.
* Implemented CSS variables for dynamic styling, allowing for easier theme customization and consistent design maintenance across large-scale applications.
* Developed user interface by using the React JS, Flux for SPA development.
* Developed modules using Core Java APIs, Collections, Java 1.8 (Streams), Jordan API(Dates), Multi-threading, Exception Handling, Generics, Enums, Java I/O and object-oriented designs patterns.
* Used Hibernate and Mark Logic, writing service methods and SQL queries to interact with the MySQL DBMS.
* Automated testing workflows using tools like Selenium or Cypress for end-to-end testing of frontend components and user workflows.
* Implemented security best practices such as input validation, output encoding, and parameterized queries to mitigate common security vulnerabilities like XSS and SQL injection.
* Mention your educational background, especially if you have a degree in computer science or a related field. Highlight any academic projects or research that demonstrate your skills in Java development or full stack technologies.
* Integrated Apache Spark seamlessly with the broader big data ecosystem, working with Hadoop components such as HDFS, Hive, and HBase to create comprehensive data processing solutions.
* Managed Eureka Client, Eureka Server, Eureka Instance, Eureka Service through Spring Boot.
* Expertise in implementing Microservices Architecture using Boot Application, Eureka Discovery Service, Eureka Client, REST, SOAP, JPA, Hibernate.
* Co-ordinated with QA lead for development of test plan, Test management and defect management.
* Hands-on experience in using message brokers such as ActiveMQ and RabbitMQ.
* Demonstrated expertise in Kotlin, leveraging its concise syntax, null safety, and functional programming features to enhance code readability and maintainability.
* Leveraged Spark's GraphX library for graph processing, enabling the analysis of interconnected data and the development of graph-based applications.
* Integrating various Version control tools, build tools and deployment methodologies into Jenkins to create an end to end orchestration build cycles.
* Used Jenkins to execute the Maven project as well to build the version system tool.
* Maintained and managed cloud & test environments and automation for QA, Product Management and Product Support.
* Employed advanced CSS selectors and pseudo-classes for targeted and specific styling, enhancing modularity and maintainability of stylesheets.
* Implemented backend services using Ktor, a Kotlin framework, for lightweight and high-performance applications, particularly suitable for microservices.
* Proficient in deploying and managing Azure Virtual Machines for flexible and scalable compute resources.
* Integrated Materialize CSS framework to create modern and visually appealing user interfaces, ensuring a cohesive and material design aesthetic.
* Utilized Azure Cosmos DB for NoSQL data storage, ensuring global distribution and low-latency access.
* Implemented token revocation strategies, allowing users to revoke access granted to third-party applications and enhancing user privacy and control.
* Leveraged Azure Blob Storage for scalable and durable object storage, ensuring data availability and redundancy.
* Developed JUnit test cases for Persistence layer and Business layer to perform the unit level testing.
* Configured Log4j for adding the debugging information in the code base.
* Used SVN for version control.
* Involved in Agile stand up meetings throughout the project with team members on day to day basis for the update on project status using JIRA and HP ALM.

**Environment**: Java 8.0, Spring 4, Hibernate 4.2, Spring Batch, Spring Boot, JPA, JavaScript, Angular HTML5, CSS3, Eclipse, Drools, JBPM, MySQL, ILOG, log4j, Junit, Azure, TestNG, TypeScript, Selenium, Easy Mock, RabbitMQ, XML, Web Services, SOAP UI.

**Client:** [**Evernorth**](https://www.linkedin.com/company/express-scripts/)**, MO**

**Role: Java Developer Oct 2015 – Nov 2017**

**Responsibilities:**

* Developed User Interface using the HTML , Bootstrap , CSS , JavaScript
* Created, Upgraded, and Maintained the JavaScript libraries and widgets so that the data is managed the same way regardless of when the form was developed.
* Used Typescript for most components with Angular 6 framework.
* Implemented Spring framework as backend to integrate Angular and Hibernate.
* Worked with React Router for developing Single Page Applications SPAs.
* Worked on custom modules and widgets using React JS/CSS/HTML and made those cross-browsers consistent.
* Highlight any experience you have in optimizing code and improving the performance of applications, both on the frontend and backend. Employers appreciate developers who can make applications faster and more efficient.
* Prepared User stories corresponding to the features taken from Backlog.
* Developed new user -facing features using React.JS.
* Worked on Middleware persistence framework JPA for mapping Java classes using Java Persistence Query Language (JPQL),Queries, Criteria, Projections
* Implemented Spring boot microservices to process the messages into the Kafka cluster setup.
* Spearheaded the integration of JPA with NoSQL databases, using JPA's flexibility to interact with diverse data stores, including document-oriented and graph databases, within the same application.
* Built Microservices for the delivery of Purchase Order module using Spring cloud.
* Created client library that provided load balanced and fault tolerant consumption of Spring Boot microservices from monolithic application.
* Generated JSON format data packets from middle-tire controller to front-end using JSON API.
* Worked with Spring MVC transaction management, Spring/Hibernate Batch transactions and Hibernate cache concepts and used Spring MVC and different View Controllers to implement business logic, Validation Framework
* Developed REST web services clients to consume web services from third-party applications
* Worked with Spring Core, Spring MVC Framework for Dependency Injection (DI), and Spring Context to provide message sources.
* Worked with modules like MongoDB for database persistence using NodeJS to interact with MongoDB.
* Demonstrate your understanding of security best practices in web development, such as data encryption, secure authentication, and protection against common vulnerabilities like SQL injection and cross-site scripting (XSS).
* Used Mongo DB in backend to persistent data into database and written SQL/Mongo queries to access/update the data from/ to the database.
* Wrote Angular frontend, which queried a custom Elasticsearch server for search terms, and hosted everything on an AWS instance with Docker containers.
* Leveraged AWS Serverless Application Model (SAM) for deploying and managing serverless application.
* Implemented security policies and access controls using AWS Identity and Access Management (IAM).
* Orchestrated containerized applications with Amazon ECS, optimizing for efficiency and resource utilization.
* If you have experience developing RESTful APIs or GraphQL endpoints, mention it. Showcase your ability to design robust APIs that facilitate communication between frontend and backend systems.
* Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Worked on JUnit for unit testing of the application and log4j for logging.
* REST web services are created - Spring with Jackson Mappers exchange data using JSON data structure.
* Implemented build activities in Agile Methodologies.

**Environment**: Core Java, Spring, Hibernate, SVN, Apache, Eclipse, Log4j, JUnit, XML, XSD, JAX-WS, ReactJS, NodeJS, jQuery, HTML 5, AWS, Bootstrap, JavaScript, Angular, Cucumber, TIBCO ,MongoDB, WebLogic, Linux, PCF, Maven, Cassandra.

**Client: Zylo It Solutions, IND Mar 2014- Aug 2015**

**Role: Java Developer**

**Responsibilities:**

* Involved in the development of the application using J2EE.
* Implemented authentication and authorization mechanisms using Spring Security to ensure secure access to backend services.
* Implemented user and Client-Side validation using Java Script.
* Integrated with databases like MySQL and MongoDB to store and retrieve application data efficiently.
* Used Singleton and DAO design patterns for implementing enterprise modules.
* Used Eclipse for the development of source code.
* Used Oracle as database and Involved in the code development for retrieving the data from interfacing auto parts system using SQL statements.
* Performed Use case design, and object modelling.
* Built responsive and user-friendly web interfaces using HTML, CSS, and JavaScript frameworks such as Angular and React.
* Used SoapUI for testing and developed JUnit Test cases to test the service availability.
* Developed the application using Spring Framework that leverages classical Model View Controller MVC architecture.
* Implemented state management using Redux (or similar libraries) to manage complex application state on the client-side.
* Developed UI using JSP HTML5 Tag libraries CSS3 JavaScript Angular.js and AJAX.
* Developed views controller and model components implementing JavaScript MVC.
* Developed Java Beans and Custom Tag Libraries providing client-side validations in JavaScript and providing interactive front end GUI using AJAX.
* Collaborated with UI/UX designers to translate design mockups into interactive web interfaces with pixel-perfect accuracy.
* Used Joins Stored Procedures and Functions in Interaction with backend database using SQL
* Involved in all the phases of Software Development Life Cycle SDLC including analysis designing coding testing and deployment of the application.
* Involved in development of the CSS classes for all error form elements and warnings.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for micro-services.
* Wrote database interaction code and used JDBC API to connect MySQL.
* Used Core Java with knowledge of multithreading concurrency memory management.
* Build the application using TDD Test Driven Development approach.
* Used Oracle as database and involved in the development of PL/SQL backend implementation.
* Created web application prototype using jQuery and Angular.JS
* Involved in stage deployments using Glassfish server.
* Designed the front end and wrote corresponding one-one REST methods to implement respective change requests.
* Deployed applications to cloud platforms like AWS or Azure, leveraging services like EC2, S3, and RDS for scalable and reliable infrastructure.
* Developed RESTful web services using Java Servlets JSON JAX-WS and JAX-RS and persistence using Hibernate and JPA framework.
* Practiced Agile/Scrum methodologies, participating in sprint planning, daily stand-ups, and sprint retrospectives to deliver iterative improvements.
* The middleware interaction used JMS/IBM WebSphere MQ series for transferring messages between different components using the JMS/Mail API framework.
* Used issue tracking tool JIRA for bug fixing and life cycle traceability.
* Designed RESTful XML web service for handling asynchronous AJAX requests.
* Participated in preparing technical documents which includes logical flow of the code and UML diagrams and user s manual for the application.
* Used MAVEN for project management and build automation and Continuous Integration is done using Jenkins.
* Used Subversion as a version control for implementing the application.

Environment: Core Java, JDBC, Struts, MVC, Maven, SVN, Java Script, Singleton, DAO, Eclipse, Oracle, SQL, and Agile.