**RenukaV**

**Sr. Full stack developer |**renukar.vrr@gmail.com

**| 341-356-8879**

**SUMMARY OF EXPERIENCE:**

* 9 years of experience in developing Business and Web applications using Java, J2EE, Spring, Spring Boot, Angular, ReactJS, NodeJS, jQuery, HTML5, CSS.
* Expertise in developing applications using Hibernate, JPA ORM, and implementing presentation layer with Spring, Spring MVC, Angular, ReactJS, NodeJS, jQuery, HTML5, CSS.
* Experience in google cloud platform (GCP) cloud computing by provisioning compute engine, cloud load balancing, cloud storage, cloud SQL, stack driver monitoring components using the Terraform GCP Foundation modules
* Expertise installation, configuration, deployment, troubleshooting and implementation of Okta Projects.
* Utilized RxJS (Reactive Programming Observables and Subjects) for orchestrating asynchronous sequence of data and event - based computations heavily in Reactive forms especially when building filters and search.
* Proficient in developing Single Page Applications (SPA) using Angular and React.js.
* Built backend REST API with Node.js, Express.js.
* Specialized in provisioning the GCP Global HTTPS load balancer routes the traffic to GCP GKE cluster via Terraform modules.
* Strong knowledge of Object-Oriented Analysis & Design and experience with Agile and Waterfall development methodologies.
* Integrated OPA with Oracle Service Cloud Computing (B2C/Rightnow).
* Migrated Vistra User Lifecycle Management policies from CA Identity Manager to Okta Provisioning by integrating Okta with Workday.
* Strong knowledge of working with GraphQL schema, queries, and mutations to interact with MongoDB and other data layers.
* EAI and IIB development with the help of flows upgradation.
* Specialized in provisioning EKS Kubernetes cluster on AWS, GKE Kubernetes cluster on GCP including masters, slave, RBAC, helm, kubectl, ingress controllers via Terraform foundation modules.
* Expertise in Client Scripting language and server-side scripting languages like JavaScript, TypeScript, Angular 2, Node.js and Express.js framework.
* Protected applications by integrating them to Okta through Modern Authentication Protocols like SAML, OpenID Connect.
* Strong knowledge in developing web applications using Angular4 and Angular6 using RxJS.
* Experienced in developing Spring Boot-based Microservices using Docker containers and deploying on Amazon EC2 container services and OpenShift.
* Providing services for SOA like building a portfolio of services, WSDL, Top-Down, Bottom-Up Approach and defining XML Schemas
* Application Architecture, Application Design, Technology Architecture, Spring Framework, mule ESB, IBM WebSphere ESB, JAVA/J2EE Design Development
* Experience in Design and Development of interviews using word and excel plugins for OPA
* Experience in database design, NoSQL, data modeling, and developing stored procedures using Oracle, MySQL, and DB2.
* Well-versed in core Java concepts like collections, multithreading, serialization, JavaBeans, and network programming
* Utilized U-deploy to deploy applications across multiple Operating Systems such as Linux/Unix, AIX.
* Designed and implemented Business Rules repository via decision tables and experienced with **OPA**. Integrated Human Task Workflow and BAM components to enhance system management.
* Handled data from multiple streams to maintain the sequence and their dependencies by using the rxjs operators.
* Expertise in Bootstrap, Angular and Node.js, Express.js, Feathers.js, backbone.js, Spring, Spring Boot - Express, Body-Parser, HTTP, Filesystem, Browser Sync etc
* Created REST APIs using Spring and Jersey, and developed Single Page Applications (SPA) with Angular Framework (versions 2, 4, 6, 8).
* Responsible to develop IAM term glossary
* Experience in build and deployment management using Gradle, Maven, Jenkins, and Docker.
* Experience in agile frameworks like Scrum, XP, and using TDD and ATDD approaches.
* Experience in gathering requirements from Epic, Future, and User Stories, and writing test cases using JUnit, Mockito, PowerMock, and JIRA.
* Experience in infrastructure as code using Terraform, AWS CloudFormation, and Azure ARM templates.
* Experience in using logging frameworks like Log4J and SLF4J.
* Experience with application servers and web servers like IBM WebSphere, WebLogic, JBoss, and Apache Tomcat
* Experience implementing Microservices and Spring Boot applications using SOA and RESTful web services.
* Proficiency in developing web services with SOAP, RESTful, XML, XSD, Axis2, JAXB, JAX-RS, and JAX-WS.
* Proficient in using Amazon Web Services (AWS) and working with services like EC2, Elastic Beanstalk, CloudWatch, CloudFront, CloudFormation, IAM, S3, RDS, ElastiCache, SNS, SQS, AMI.
* Strong exposure and work experience with core Java concepts, multithreading, collections, exception handling, JDBC, and modularity.
* Experience in Object Oriented Design and Programming concepts in Java and Python
* Having experienced in Agile Methodologies, Scrum stories and sprints experience in a Python based environment, along with data analytics, data wrangling and Excel data extracts
* Implemented various design patterns using J2EE technologies and developed J2EE MVC applications using Struts, Spring MVC, and Spring Boot.
* Deployed applications on Apache Tomcat, WebLogic, and WebSphere application server environments.
* Experience with source control systems like Git and SVN.
* Good understanding in the various IAM modules such as Identity Management, Identity Governance, Access Management and Life Cycle Management
* Implement U-Deploy to deploy artifacts to environments.
* Experienced in IBM WebSphere ESB and Mule ESB Enterprise Service Bus Technologies
* Experience in deploying OPA rule bases in a large integrated environment.
* Experience in working with messaging queue services like JMS, IBM MQ, RabbitMQ, ActiveMQ, and Apache Kafka.
* Expertise in Hibernate, Spring, EJB, Ajax, JavaBeans, JNDI, JMS, Java Mail, XML, and Sockets.
* Experience in Oracle, SQL Server, DB2, MongoDB, Cassandra, and HBase databases.
* . Experience in automating infrastructure in AWS using web services and using AWS EC2 and S3 services for application backup and recovery.
* Good knowledge of Python, Hadoop, HDFS, MapReduce, Hive, HBase, and Flume.
* Delivered architecture designs and solutions for public, private, and hybrid clouds, covering IaaS, PaaS, and SaaS cloud services.

**TECHNICAL SKILLS:**

* **Enterprise Java:**JSP, Servlet, EJB, JNDI, JMS, Groovy, JDBC, JPA, MDB, Angular, Node, React JS
* **Mark-up/ XML Technologies:**HTML5, XHTML, JavaScript, CSS, AppML, XML, XSD, XSL/XSLT, SAX/DOM, AJAX, JQuery, JSON, Xpath and XLink
* **Languages:**Java 1.8, Groovy, SQL, PL/SQL
* **Tools:** & Framework: Struts 2x, Spring, Spring Boot, Hibernate4/3, JPA, Spring MVC, Spring Boot, Spring AOP, AspectJ Introspection, Spring DAO, Spring Batch, JPA, JSF, Log4J, Junit, SOAP UI, Gradle, Apache Ant and Apache Maven, AWS
* **Databases:**Oracle 10g/11g/12c, SQL Server, MS SQL, MongoDB, MySQL, IBM DB2 and PL/SQL Procedures, Cassandra Project Loom aims to add lightweight concurrency features to the Java
* **Virtual Machine (JVM).** It introduces fibers, which are user-mode threads, to improve the efficiency and scalability of concurrent programming in Java**.**
* **Reactive** programming is an approach that allows developers to build responsive, scalable, and resilient applications. Java frameworks like Reactor and RxJava provide support for reactive programming, enabling developers to handle asynchronous and event-driven scenarios
* **Development Tools:**Eclipse, My Eclipse 6.x, 8.x, NetBeans IDE
* **Version Control Tools:**CVS, SVN, GIT, CM Synergy, and Clear Case
* **Design Patterns:**MVC, Front Controller, Singleton, Business Delegate and DAO Patterns
* **Web Service Framework:**Apache Axis, Sun Jersey, AWS, and Apache CXF
* **Web/App Servers:**Apache Tomcat 8x, WebLogic 12, JBoss4.5, IBM WebSphere (7.0, 6.0)
* **Design & Modelling:**UML, Design Patterns, Microsoft Visio, Rational Rose 3.0, and Agile SCRUM
* **Unix & Linux:**Unix Grid computing and Shell Scripting
* **Tools:** GWT, J Profiler, Jenkins, Hudson, Sonar,, JIRA, Nexus, FileZilla, Maven and Gradle
* **Web Service Protocols:**SOAP, REST, JAX-RPC, JAX-WS, JAXB, WSDL and UDDI
* **Other API's:**Junit, JAXB, Log4j, SLF4J and DOM, AWS, OpenShift
* **Operating Systems:**UNIX, Linux, Windows

**PROFESSIONAL EXPERIENCE:**

***Role: Senior Java Full Stack Developer Nov 2022 - Till date***

***Present Client: Capital One, Dallas, TX.***

**Responsibilities:**

* Actively involved in coding using Java 11 and Spring 5.x to develop features from end to end.
* Built reusable service components using ReactJS Components with Object-Oriented JavaScript, jQuery, HTML, and CSS3 based on visual designs.
* Integrated Jenkins/Helm/Kubernetes/Vault with GCP to perform semi-automated and automated releases to lower and production environments.
* Designed and developed multi-threaded programs to interact with various backend components.
* Implemented click handlers via RxJS in component code. This was done in order to make an observable sequence out of click event stream and to associate it with data streams.
* Automated Compliance Policy Framework for multiple projects in GCP.
* Vendor co-ordination with Okta for issue resolution, enhancements etc.
* Development EAI (Enterprise Application Integration) and IIB (IBM Integration Bus) and test it end to end.
* Involved a full complement of Express.js, Angular 2, Node.js and MongoDB to store and present assessments.
* Developed and designed the web interface using HTML5, CSS3, JavaScript, ReactJS, and Bootstrap.
* Used JSON objects, ECMAScript 6, TypeScript, JavaScript, and Bootstrap intensively to create interactive web pages.
* Worked on Node.js Middleware framework like Express.js and Hapi.js and Yoemon, essentially developed microservices and serve them through middleware. Served any Client side libraries through microservice.
* Created Service accounts, VM instances, VPC networks using Terraform on GCP.
* Experienced in integrating various applications withOktato provide SSO as well as user provisioning, deprovisioning and reconciliation.
* Developed Rules by using OPA which were acting as input for BPM
* Experience with Angular 5 Directives, Dependency Injection, Services, Routing, pipes, Animations, Forms, AOT, Lazy Loading, RXJS.
* Responsible for User Management and End to End automation of build and deployment process using Jenkins and U deploy.
* Developing the requirements into application and system design of **ESB modules** such as calendar services, membership, framework libraries, Google sales force modules.
* Worked with unit testing of React applications using Jest and Spring Boot applications using JUnit and Mockito. Performed end-to-end testing using Protractor.
* Worked exclusively with different teams and users to get them registered with OKTA.
* Extensively utilized Hibernate in the data access layer to access and update information in the database.
* Essentially working to develop restful Apis and invoke Soap Apis in Express.js and Hapijs, validating Apis with swagger.
* Responsible for design and development of Interactive User Interface applications using Angular7, RxJS, NodeJS, jQuery and JSON
* Implemented a generic interface to Hibernate Criteria API for UI search functionality.
* Developed applications using Spring MVC and Spring Boot.
* Migration of IAM system to new IAM system that is being used by parent Wyndham company.
* Developed entire frontend and backend modules using Python on Django Web Framework.
* Worked on designing, coding and developing the application in Python using Django MVC.
* Worked on Notice Generation where I was responsible for generating rules were made by using OPA and for end-to-end flow
* Designed and developed Generic Error Handling Interface with systematic notification across Enterprise and legacy applications using Oracle **SOA** Suite components BPEL, ESB
* Used Node.js to build API endpoints, handle data fetching, and manage server-side rendering.
* Designed and developed user interfaces using Spring MVC, React, HTML5, and CSS.
* Created GraphQL schema and queries to interact with MongoDB database.
* Integrated WebSocket communication in Node.js applications for real-time data updates and interactive user experiences.
* Wrote scripts in Python for extracting data from HTML file
* Stored deployment artifacts more securely to enable traceability using IBM Urban Code Deploy.Integrate with U Build ,U-Deploy and U release tools to automatically deploy,test and promote new builds.
* Used JPA and Hibernate with entity beans for interacting with the persistence layer for CRUD operations.
* Integrating Node.js with frontend technologies like React.
* Worked with SFDC team to integrate Equinox ESB-CRM services
* Responsible for mapping requirements to IAM capabilities, SOX controls and PCI controls
* Developed the Model, View, and Controller using Spring MVC, React, and Restful service with Hibernate framework.
* Implemented server-side rendering with Node.js and React to optimize application load times and improve SEO rankings.
* Experience in working with Python ORM Libraries including Django ORM,
* Worked on integrating python with Web development tools and Web Services
* Deployment and management of Node.js applications on cloud computing platforms like AWS.
* Developed SQL, PL/SQL, stored procedures, and Shell scripts for database applications.
* Developed XML Schemas (XSD, DTD) for the validation of XML documents.
* Created automated pipelines in AWS CodePipeline to deploy Docker containers in AWS ECS using services like CloudComputing, CodeBuild, CodeDeploy, S3, and Puppet.
* Deployed the application using AWS Lambda, a serverless computing platform.
* Implemented LDAP security for the application.
* Used Spring Kafka API calls to process messages on Kafka Cluster setup.
* Utilized Kibana and Elasticsearch to identify Kafka message failure scenarios.
* Integrated Spring DAO pattern for data access.
* Developed Verification Data Access Service to provide the contents and XML structure required for Notice OPA Business Rules including household, income and other relationships and attributes.
* Developed microservices using AWS Lambda functions.
* Wrote rules in OPA to show different screen and attributes based on user issue and location.
* Worked with Jenkins for continuous integration and continuous deployment.
* Developed various React components to build functionality and UI behavior using JavaScript.
* Configured and developed Kafka messaging for consumers to consume.
* Implemented Kafka producer and consumer applications on a Kafka cluster setup with the help of ZooKeeper.
* Followed the MVC architecture of React in developing apps, controllers, and directives customized for the application's needs.
* Identify and document detailed current major IAM Service Gaps (Gap Analysis) or deficiencies for processes, products and tools
* Implemented Oracle based SOA concepts, Web Services, BPEL core concepts.
* Experience in various aspects of EAI and IIB Development as well as EAI testing in Middleware.
* Designed and developed Restful Web Services using Spring Boot and Jersey API.
* Integrated third-party APIs and services into Node.js applications such as payment gateways.
* Experience in building APIs with declarative interfaces such as Swagger/OpenAPI and GraphQL.
* Developed web applications using MongoDB, Express, React/Redux, Node.js, and GraphQL.
* Implemented highly available, scalable, and self-healing systems on the AWS platform.
* Developed logging systems using Log4J and SLF4J.
* Utilized Java 8 features like Lambda expressions and Stream API for bulk data operations on collections, improving application performance.

**Environment:** Java 1.8, Oracle, SOAP, React JS, Node.JS, Spring 4, Spring Boot, JMS Mockito, WebLogic 12, Hibernate 4.0, Microservices, Restful Web service, Sun Jersey, Python, AWS, Kafka, Oracle DB, PL/SQL, MS SQL Server 2012, JBoss Drools, SOA Design Patterns, MongoDB, Docker, Kubernetes, GraphQL, LDAP, NOSQL, Hadoop, Docker, Jenkins, Gradle, Cucumber, GIT,Cloud Computing,ESB,EAI,SOA,UI-deploy

***Role: Java Full Stack DeveloperAug 2018 - oct 2022***

***Client: Amgen, California.***

**Responsibilities:**

* Created AWS Security Groups as virtual firewalls for controlling traffic to EC2 instances.
* Designed and developed user interfaces using Spring MVC, AngularJS, HTML5, CSS.
* Developed RESTful services using Spring Controller, Delegate, and DAO patterns.
* Experience in building ecommerce application using the JavaScript MEAN stack: MONGODB, Angular JS, Express.js and Node.js.
* Extensively used RxJS Observables, Subjects, Behavior Subjects, Event Emitters and Operators in the application development.
* Responsible for the design of ESB internal Database oracle GL control database.
* Experience in GCP Dataproc, GCS, Cloud Computing functions, BigQuery.
* Worked with OKTA support by opening cases on several issues.
* Heavily customized the OPA using extension to change the basic layout of the interview
* Used Hibernate ORM to manage application persistence logic and data access.
* Developed XML Schemas (XSD, DTD) for XML document validation.
* Developed SQL, PL/SQL, stored procedures, and Shell scripting for database applications.
* Used Node.JS, Express.JS to create server-side API with MongoDB.
* Build data pipelines in airflow in GCP for ETL related jobs using different airflow operators.
* Worked on provisioning users from OKTA to AD and also importing users from AD to OKTA.
* Implemented click handlers via RXJS in component code snippet. This was done in order to make an observable sequence out of click event stream and to associate it with data streams, which can be used Confidential the time of subscription.
* Implement and test the Platinum High Availability Disaster Recovery Architecture for IBM SOA BPM Suite for stateful services and business processes.
* Coordinated with offshore team members for new Build and Deploy requests, prioritize them and helped them configure on uBuild and uDeploy.
* Used cloud Computing SDK in GCP to configure the services Data Proc, Storage, BigQuery
* Used Node.js, Express, Ajax, JavaScript/jQuery, JSON for server connections and MongoDB for NoSQL databases.
* Utilized Angular 7.0 to build single-page applications with navigation and modals.
* Used JSON objects, TypeScript, JavaScript, and Bootstrap for interactive web pages.
* Developed applications using Spring MVC, Spring Boot.
* Implemented REST API using Node.js, Express.js.
* Worked on integrating various applications like Workday, ADP, ZScalar etc. with OKTA to provide them with SAML based Single Sign On.
* Created Mule Flows using End Point Connectors & Components using Mule **ESB** to integrate client/server systems.
* Deployed Siebel Resource Adapter and Siebel EAI FusionREST deployables on to the Oracle web Logic Server using Oracle Developer
* Worked with SME’s to develop Maturity Model for improving IAM maturity over time
* Rewrote existing Python/Django modules to deliver certain format of data.
* Wrote python scripts to parse XML documents and load the data in database.
* Used Python and Django to interface with the jQuery UI and manage the storage and deletion of content
* Performed troubleshooting, fixed and deployed many Python bug fixes of the two main applications
* Experience in developing, deploying, and testing applications in an AWS environment using DevOps tools like Jenkins and Docker.
* Worked on designing web portal using OPA screens.
* Used Apache Kafka as a messaging system between APIs and microservices, and Log4J for logging.
* Worked in an Agile/TDD environment utilizing test-driven development (TDD).
* Leveraged Java Lucene search for precise search results.
* Migration of IAM system to new IAM system that is being used by parent Wyndham company.
* Updated from Angular 2 to Angular 6, utilizing the latest version of the Angular framework.
* Used JMS and WebSphere MQ for asynchronous data exchange among J2EE components and legacy systems
* Developed a scalable microservices architecture using Node.js and Express.js, resulting in improved system modularity and easier maintenance.
* Implement and test the Golden topology for IBM SOA ESB for stateless services
* Utilized GraphQL with Node.js to improve data fetching efficiency and provide flexible querying capabilities in a complex application.
* Created Kafka clusters, consumer groups, partitions, topics, producers, and consumers.
* Experience working with Docker containers, Amazon EC2, S3, and ELBs in an AWS environment.
* Developed CI/CD system with Jenkins in a Kubernetes environment, utilizing Kubernetes and Docker for runtime.
* Used Apache Maven for building and deploying applications.
* Identified &Implemented IAM functional areas in scope and involve in analysis for IAM
* Stay up-to-date with the latest trends and developments in the Node.js ecosystem.
* Implemented product-level cloud-based architecture in AWS.
* Implemented full-text search functionality using technologies like Elasticsearch and Node.js, enhancing the search capabilities of a web application.
* Developing flows / orchestrations for integrating the components written on top of different internal platforms using **Mule ESB** and ActiveMQ
* Heavily customized the OPA using extension to change the basic layout of the interview
* Implemented Spring Boot microservices for processing messages in Kafka clusters.
* Used bulk collections in PL/SQL objects for better performance and data retrieval.
* Created applications and connected component to those applications in uDeploy
* Implemented unit tests for Angular components using frameworks like Karma and Jasmine.
* Tracked tasks and progress in JIRA, and used Git for version control.
* Ran auto build jobs, deployed jobs, and tested suite jobs using Jenkins.

**Environment:** Java 1.8, Angular JS, Spring 4, Spring Boot, JMS, Oracle, SOAP, Mockito, WebLogic 12, Hibernate 4.0, Microservices, Restful Web service, AWS, Kafka, GraphQL, Python, Oracle DB, PL/SQL, MS SQL Server 2012, JBoss Drools, SOA Design Patterns, Cassandra, LDAP, NOSQL, Hadoop, Kubernetes, Docker, Jenkins, Gradle, Cucumber, GIT,Cloud Computing,ESB,EAI,SOA,U-deploy

***Role****:* ***Java/ J2EE Developer Feb 2016 – July 2018***

***Client: : Supermicro, San Jose, California***

**Responsibilities:**

* Worked in an Agile/TDD environment utilizing test-driven development (TDD).
* Developed applications using Spring Boot, Spring MVC.
* Developed RESTful services using Spring WebFlux, Spring Data.
* Optimized database queries and implemented caching strategies using Redis to significantly reduce response times in a Node.js application.
* Created internal POC to validate all Business requirement.
* Utilized Elasticsearch and Kibana for log management and analysis.
* Automated build, deployment, and testing processes using Jenkins and Kubernetes.
* Developed CI/CD pipelines with Jenkins and GitLab CI/CD.
* Leveraged messaging systems like Apache Kafka and RabbitMQ for asynchronous communication between APIs and microservices.
* Involved in Transformations using XSLT, Data Weave, and Custom Java Transformers to transform data from one format to another format using **Mule ESB.**
* Utilized Hibernate ORM and JPA for managing application persistence logic and data access.
* Implemented reactive programming using Reactor and Project Reactor.
* Worked with the IAM team to develop IAM Roadmap and Release Plan by identifying gaps between the current and future state and identifying initiatives for proposed future state solutions not available in current systems
* Utilized Angular 12 to build single-page applications with navigation and modals.
* Designed and developed user interfaces using Angular, HTML5, CSS, TypeScript.
* Created Performance Test service for performance analysis matrix for the SOA infrastructure for providing SLA (Service Level Agreement) to the consumers.
* Experience in developing, deploying, and testing applications in an AWS environment using DevOps tools like Jenkins, Docker, and Kubernetes.
* Wrote OPA rules to design complex interview
* Used Node.js, Express, Ajax, JavaScript/jQuery, JSON for server connections and MongoDB for NoSQL databases.
* Created AWS Security Groups and implemented AWS Identity and Access Management (IAM) for securing EC2 instances.
* Created deployment process and administered **uBuild** and **uDeploy**
* Utilize PyUnit, the Python Unit test framework, for all Python applications.
* Developed MuleSoft ESB projects for the services with synchronous and asynchronous mule flows
* Experience working with Docker containers, Amazon EC2, S3, and ELBs in an AWS environment.
* Used Apache Maven and Gradle for building and managing dependencies.
* Contributed to open-source Node.js projects or maintained personal projects on platforms like GitHub.
* Implemented cloud computing using AWS services like Lambda, API Gateway, and CloudFront.
* Implemented microservices architecture with Spring Cloud and Netflix OSS.
* Working directly with business to frame solution within OSC and OPA based on requirements.
* Utilized reactive database drivers like R2DBC for interacting with databases.
* Interacting with client server admin team and educate the **SOA** functionality from configuration and maintenance point of view.
* Implemented unit tests for Java and Angular components using frameworks like JUnit 5, Mockito, and Jasmine.
* Used Git and GitFlow for version control and collaborated on projects using tools like Bitbucket and GitHub.
* Tracked tasks and progress in JIRA and used agile methodologies like Scrum and Kanban for project management.
* Utilized containerization with Docker and container orchestration with Kubernetes for scalable and resilient deployments..

**Environment:** Java/J2EE, WebLogic, HTML, JSP, JavaScript Eclipse, Python, SVN, Tomcat, WebSphere Application Server, Struts, Spring, and Hibernate, Kafka, HQL, UML, Toad, Oracle and Junit,cloud computing ,ESB,SOA,U-Deploy

***Role****:* ***Java Developer Jul 2014 – may 2015***

***Client: Mistral Solutions, Bangalore***

**Responsibilities:**

* Part of the team which was responsible for designing and developing the application in n-tier fashion as per struts based MVC architecture standards.
* Designed and developed various modules of the application using frameworks like Springs MVC architecture and Springs Bean Factory using IOC, AOP concepts.
* Used AWS deployment services to quickly set up a dynamic website and configure virtual serves using AWS EC2 and responsible for maintaining and expanding our AWS infrastructure using AWS EC2/EBS.
* Worked on Springs controllers and configured using annotations to handle the presentation requests and integrated with DAO.
* Used JDBC to store the persistence data into the DB2 database and involved Database programming in Oracle 10g.
* Developed a scalable microservices architecture using Node.js and Express.js, resulting in improved system modularity and easier maintenance.
* Wrote EJB Stateless session to communicate with Controller and Service layer i.e. make the EJB calls from Backing Beans.
* Utilize various Java Design patterns to develop Business modules based on the required functionality.
* Responsible for developing the application level flow by utilizing Java, JSP, Struts and used JavaScript for front end Validations.
* Created S3 buckets and managed roles and policies for S3 buckets. Utilized S3 buckets and Glacier for file storage and backup on AWS cloud. Used DynamoDB to store the data for metrics and backend reports.
* Designed and developed the Web-based User Interface on Jakarta Struts Framework using Java Beans, Servlets, HTML, CSS, JSP and JavaScript.
* Used Springs Features like Springs MVC, Springs DAO, Springs Boot, Springs Batch, and Springs Security for application access and authorization, Springs Integration, Springs AOP for crosscutting concerns.
* Implemented design patterns such as singleton, Session Façade, Factory, and MVC, design patterns such as Business delegate and DAO design patterns.
* Debugging and Bug Fixing Applications in the team on daily basis and performed testing using JUnit.
* Involved in the development of project back-end layer using by most of core java features such as frameworks, Interfaces, Multi-threading, Exceptions and Implemented Java Multi-threading and Thread handling issues during application development.
* Used JSF messages for handling the error messages for the applications.
* Developed back-end stored procedures and triggers using Oracle PL/SQL, involved in the database.
* Used Apache Tomcat web server to develop and deploy the application.
* Worked with Eclipse IDE to develop and deploy complete application and used CVS repository to maintain the source code.

**Environment:** Java, JSP, Servlets, Springs, AWS, Apache Tomcat, MVC architecture, Eclipse, JDBC, JavaScript, HTML, Oracle 10g, Pl/SQL, CVS, JUnit, multi-threading.

***Role: Junior Java Developer May 2013- Jun 2014***

***Client: Trigent Software, Bangalore, India.***

**Responsibilities:**

* Used the light weight container of the Spring MVC Framework to provide architectural flexibility for inversion of controller (IOC).
* Implemented Back office loan services and web applications using Session Façade, Service Locator, Data Access Objects, Business Delegate, MVC, Front Controller and Data Transfer Object design patterns.
* Developed the application using RAD model.
* Created DB2 SQL Procedures, Functions & Stored Procedures, Nested Tables, Cursors, DB2 Packages, Reports &SQL Functions for Reports.
* Implemented and deployed several EJB (Session and Entity).
* The front end of the project is designed on MVC architecture using struts, Tiles frameworks.
* Involved in the complete Software Development Life Cycle (SDLC) phases such as Requirement Analysis, Design and Implementation of the project.
* Used Spring Framework for dependency injection.
* Used Websphere Application Server for deploying various components of application.
* EJB’s were running under the hood of Websphere container/server.
* Involved in Configuring tiles-def.xml, web.xml and struts-config.xml according to the strut framework.
* Worked with VSS Version control in order to create virtual library of computer files.
* Used LOG4J for error logging at the development box and used ANT for building the deployable EAR/WAR components.

**Environment:** Java, JSP, Servlets, EJB, Struts, Spring, JDBC, Design patterns, Html, XML, CSS, Log4j, Ant, Web services, RAD6.0, IBM Websphere server, IBM DB, VSS.