**Kiranmai P**

**Email Id:** [**pakeerkiranmai@gmail.com**](mailto:pakeerkiranmai@gmail.com)

**PH: 216-868-4904**

**Linked IN:** [**https://www.linkedin.com/in/pakeer/**](https://www.linkedin.com/in/pakeer/)

**Professional Summary:**

* Around 10+ years of software development experience in object-oriented programming, design and development of Mid - Tier distributed, Enterprise applications using Java and J2EE technologies with Software Development Life Cycle.
* Experience in developing web applications using JSP, Spring Boot, Spring MVC Frameworks, EJB, Hibernate, Spring Security, JBOSS, JDBC, Java Server pages, Servlet, Web Services, Java Script, JavaBeans.
* Experience in handling messaging services using Kafka.
* Extensive experience in the Analysis, Design, Development, Implementation and Testing of enterprise application with web technologies, distributed technologies, and client-server architecture environment.
* Extensive experience in designing and developing web-based enterprise application using Java, J2EE, JSP, Servlets, JSF, EJB, JavaBeans, JDBC, JUnit, Log4J, XML, JavaScript, HTML, AJAX, Eclipse development framework, Web Designing.
* Experience with AWS Cloud – EC2, EBS, Lambda function, Auto scaling, SQS.
* Have strong exposure and work experience on core java concepts collection API, Stream API, Parallel Streams, exception handling, Multithreading, Hash Map, concurrency, JDBC, modularity, executor service, fork and join frameworks.
* Configured Spark streaming to receive real time data from the Kafka and store the stream data to HDFS using Scala.
* Expert level skills on Angular JS, Angular 2/4/6/8/9, CSS3, HTML5, Node JS, jQuery, JavaScript, React JS, AJAX, JSON, Tag Libraries.
* Extensive experience in Java J2EE technologies using Core Java, Java collection, JDBC, Threads, Spring Framework (Spring Boot, Spring Batch), Struts Framework, Hibernate, Servlets, DHTML, CSS, JMS, JSTL, Display Tag (Custom Tag), Ajax, Java Script.
* Expertise using IDE tools Eclipse, NetBeans, and IntelliJ.
* Strong experience on Restful APIs & SOAP web services.
* Experience in converting monolithic services to spring boot microservices.
* Experience in developing Web based GUI using HTML5, XHTML, DHTML, CSS3, JavaScript (and its frameworks like JSON), jQuery, JSF, Ajax, Angular JS, React Node JS and JSP.
* Implemented GCP cloud Functions in Python for Data Pipelines to transfer data from GCP to AWS.
* Extensive experience on implementing the AJAX features using JavaScript, JSON, jQuery and XML.
* Experience in SOA and Web Services technologies SOAP, WSDL, REST and RESTful web services.
* Expertise in the development of various E-commerce Applications using design patterns like Singleton, Session Façade, Business Delegate, Factory and Service Locator
* Implemented Unit Testing using JUNIT testing, Mockito, Jasmine, Karma test runner during the projects.
* Worked with object-centric frameworks like Hibernate and Database centric framework like iBATIS.
* Expert in creating and deploying EAR and WAR files in WebLogic Application Server, JBoss, IBM WebSphere and Apache Tomcat.
* Set-up databases in GCP using RDS, storage using S3 bucket and configuring instance backups to S3 bucket. Prototype CI/CD system with GitLab on GKE utilizing Kubernetes and Docker for the runtime environment for the CI/CD systems to build and test and deploy.
* Setting up apigee proxy API on Azure cloud platform Automating the Apigee installations and work flows.
* Setup CI/CD pipeline process for the application using the Jenkins.
* Have strong exposure and work experience on core java concepts collection API, Stream API, Parallel Streams, exception handling, Multithreading, Hash Map, concurrency, JDBC, modularity, executor service, fork and join frameworks.
* Extensive experience in Hibernate, Struts, Spring MVC, Spring Integration, Spring JDBC, Spring Boot, Spring ORM, Struts Framework and AOP.
* Experience with complete Spring framework- Spring Boot, AOP, Transactions, Security, Auto wiring, ORM, MVC, Spring Data, Spring Hystrix, Hateos, Webflow and Spring integration with AWS.
* Expertise in writing client-side validations using Ajax, JavaScript, jQuery and Structs Validation Framework.
* Good working knowledge with Java 1.8 features like stream, Lambda expressions and functional interfaces etc.
* Expertise in React JS framework to develop the SPA.
* Responsible for code reviews, code quality standards and SONAR implementation on Jenkins CI/CD pipelines.
* Experienced in writing real-time processing and core jobs using Spark Streaming with Kafka as a data pipe-line system.
* Designed and Developed Use Cases, Activity Diagrams, and Sequence Diagrams using Unified Modeling Language (UML) and ER Diagram.
* Expertise in deploying Java-based microservices and web applications on GKE, leveraging the power of Kubernetes for container orchestration.
* Designed Java-based applications that handle banking and payment processes.
* Functional knowledge in implementation of AWS Cloud based technologies like Elastic Servers, Elastic search, EC2 Instance and S3.3
* Designed and developed highly scalable, available, fault-tolerant, highly secured, distributed infrastructure (IAAS) using 2 EC2 instances, S3, EBS, API Gateway, Elastic Beanstalk, ECS. Experience in configuration management tools like Puppet, Chef, Docker and used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Experience in creating comprehensive web applications using MEAN stack implemented with **MS SQL, Express, Angular.JS 7/8/9 and Node.js, Java 8 ,10,11**.
* Experience in configuring the Cloud Firewall rules to allow the inbound traffic to **GCP GKE** cluster
* Extensively used **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 .
* Experience in working with build management tools like Ant, Maven and Jenkins.
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups, optimized.
* Worked on integrating spring microservices with AWS services using AWS SDK.
* Worked on processing jobs in AWS batch for after trade analytics.
* Implemented spring boot microservices to process the messages into the Kafka cluster setup.
* Deployed the code into the AWS S3 by using console and CLI and deployed code into CloudFront using Jenkins pipeline.
* Involved in Agile processes like scrum daily standup meetings, Sprint Planning, Sprint iteration development and Sprint retrospectives.
* Worked on setup the Kubernetes sandbox on Azure Kubernetes Services (AKS) for testing the different features and manage containerized applications using its nodes, ConfigMaps, selectors, services, and deployed application containers as Pods.
* Experience in database development and implementation using different RDBMS such as Microsoft SQL Server, ORACLE, MySQL, PostgreSQL and DB2 and NoSQL databases such as MongoDB, Cassandra.
* Expertise in client scripting language and server-side scripting languages like JavaScript, jQuery, JSON, MongoDB, Node.js,AWS, AngularJS, JSF and JSP.
* Proficiency in working with databases like Oracle, MySQL.
* Expertise in database modeling and development using SQL, T-SQL and PL/SQL in Oracle and SQL Server environments.
* Using **Azure** Kubernetes Service to deploy a managed Kubernetes cluster in **Azure** and created an AKS cluster in the **Azure** portal, with the Azure CLI, also used template driven deployment options such as Resource Manager templates and Terraform
* Experience in database development and implementation using different RDBMS such as Microsoft SQL Server, ORACLE, MySQL, PostgreSQL and DB2 and NoSQL databases such as MongoDB, Cassandra.
* Solid understanding of UX and UI design with an emphasis on maximizing usability.
* Exposure to Oracle, DB2, and MySQL databases in developing applications using SQL Scripts, Stored Procedures.
* Developed CI/CD system with Jenkins on Kubernetes and Terraform container environment utilizing Kubernetes.
* Good exposure with using IDE tools NetBeans, Eclipse, IntelliJ, configuring and deploying the applications on Apache Tomcat, IBM WebSphere, Oracle WebLogic, and Red Hat JBoss Servers.
* Experience using an Integrated Development Environment like Eclipse, RAD 7.5/8.5 for code development.
* Good experience of AWS Elastic Block Storage (EBS), different volume types and use of various types of EBS volumes based on requirement.
* Setting up apigee proxy API on Azure cloud platform Automating the Apigee installations and work flows
* Worked with multiple versions of Integrated Development Environments (IDEs) such as Eclipse, My Eclipse JDeveloper, JBOSS and IntelliJ IDE,
* Good knowledge in building real-time dashboard applications using Splunk, Elastic Search, and Logstash (ELK) to profile and monitor the streaming data of the application.
* Working experience of Source code version control tools like Bitbucket, SVN,AWS, CVS, GIT.
* Experience in developing database applications using Oracle, DB2, MS SQL Server and worked on PL/SQL Stored Procedures, Triggers, Functions, Packages, Data Modeling
* Created indexes on the tables for faster retrieval of the data to enhance database performance.
* Integrated a supply chain application with an ERP system to improve data visibility

**Technical Skills:**

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| **Languages** | Core Java 1.6/1.7, C, C++, Java script, UML, PYTHON, HTML, jQuery |
| **Cloud** | Amazon Web Services |
| **J2EE Technologies** | J2EE, EJB 2.x, Struts 2.1/2.2, Spring, PL/SQL, PostgreSQL, Hibernate, JDBC, JUnit, JSP, SVN, JMS, RMI, XML, REST/SOAP web services, Soap UI, WinSCP |
| **IDE Tools** | IntelliJ IDEA, HP Quality Center, Rational Rose, SQL developer, TOAD, Eclipse, NetBeans, Putty, Nexus, Splunk, Jenkins |
| **Build Tools** | Maven, Ant, Gradle |
| **Framework** | XML, XSL, HTML, XHTML, CSS, Action Script, XSLT, JavaScript, Bootstrap, CSS, AngularJS, NodeJS, Redux, jQuery and ReactJS, Hibernate, Spring, , Spring Batch, Springboot. |
| **Version Control Tools** | Git, GitHub, SVN, Bitbucket, Subversion. |
| **Scripting Languages** | Shell, Python, Ruby, Groovy, Bash, YAML, JSON, PowerShell. |
| **Frameworks & API's** | Struts, Spring, Spring Boot, Hibernate, JSF, iBatis, JPA, AngularJS, Angular 2.0, BackboneJS, D3, ReactJS |
| **Web/Application Servers** | Tomcat, Web logic, Nginx, WebSphere, JBoss |
| **Database** | Oracle MySQL, MongoDB, AWS RDS, DynamoDB, Cassandra |
| **Operating Systems** | Windows, UNIX/LINUX, RHEL, MacOS, Solaris |
| **Design Methodologies** | Rational Rose (UML), Data Model, MS Visio Pro 2005 |
| **Incident Management Tools** | JIRA,Service-Now |
| **Memory Management/Tools** | Eclipse-Profiler, JDeveloper |

**Education Details**

**Bachelors in Computer Science from JNTUH (2009-2013)**

**Work Experience:**

**Client**: **U.S Bank| Atlanta Duration: AUG 2022– Present**

**Role: Sr. Java Developer**

* Involved in Scrum meetings, Sprint planning and estimation of the tasks for the user stories.
* Used Struts Framework along with JSP, HTML, CSS and JavaScript to construct the dynamic web pages.
* Involved in the front end using JSP, JSTL, JQuery UI, Servlets, HTML, JavaScript and AJAX.
* Experience in deploying JAVA projects using Maven and Jenkins.
* Used Micro services architecture to break down the monolithic application to independent components
* Analyzed the Maven dependency management in the base code to annotate the dependencies on Spring Boot application into Gradle for Micro Services.
* Implemented API controllers (SOAP and REST) and web services client classes to interact with downstream systems.
* Proven expertise in implementing IOC/Dependency Injection features in various aspects of Spring Framework (Spring Core, Spring Batch, Spring Boot, MVC).
* Experience with supply chain regulations and compliance requirements
* Setup and build AWS infrastructure various resources Kubernetes, Drools, Terraform, React, VPC, ELB, EC2, S3, IAM, EBS, Security Group, Auto Scaling and RDS in Terraform
* Developed AWS cloud formation templates and setting up Auto scaling for EC2 instances and involved in the automated provisioning of AWS cloud environment using Jenkins and Chef.
* Creating Java-based mobile applications for banking and payment services on platforms like Android, IOS
* Worked on migration Microsoft azure service to AWS service for a project.
* Deployed and Monitored Micro Services Using Pivotal Cloud Foundry, also Managed Domains and Routes with the Cloud Foundry.
* Integrating the application with backend services that handle account data, transactions, and other financial operations.
* Experience in configuring and managing GKE clusters, ensuring scalability, availability, and reliability of applications.
* Used AJAX calls to asynchronously validate usernames.
* Worked extensively with **JAVA 8** features like **Time API, Functional Interfaces, CompletableFuture, Optionals, Multithreading, Transaction Management, Exception Handling, Collection API**.
* Worked on (AWS) infrastructure with automation and configuration management tools such as Chef and Puppet.
* Implementing API calls to retrieve and update data securely.
* Used Java/J2EE Design Patterns such as Business Delegate, Singleton to cache the static data in the project extensively, which facilitates clean distribution of roles and responsibilities across various layers of processing
* Designed and deployed a multitude of applications utilizing almost all the Amazon Web Services (AWS), like EC2, Elastic Beanstalk, Elastic Search, Cloud Watch, CloudFront, Cloud Formation, IAM, S3, RDS, ElastiCache, SNS, NoSQL SQS, AMI andDynamoDB for high-availability and fault tolerance.
* Ability to communicate effectively with supply chain professionals
* Integrated a RESTful API with a third-party service to enable online payments.
* Experience in deploying Dockerfile to containerized applications to deploy on managed Kubernetes service **EKS** and **AKS.**
* Successfully did set up a no authentication Kafka listener in parallel with Kerberos (SASL) Listener. Also tested non-authenticated user (Anonymous user) in parallel with Kerberos user.
* Used micro service architecture, with Spring Boot-based services interacting through a combination of REST and Apache Kafka, Spring4 message broker
* Write custom bundle and configure Predix Machine to receive images from the simulator and then upload them to Microsoft cloud services such as Azure IoT Hub, Azure Event Hub, Azure Blob Storage and eventually to Predix Timeseries service.
* Proficient in utilizing GKE features like automatic scaling, load balancing, and self-healing to optimize application performance.
* Developed Web Services using XML messages that use SOAP. Developed Web Services for Payment Transaction and Payment Release.
* Performed querying on data present in Cassandra cluster using CQL (Cassandra Query Language).
* Created tables involving collections, TTLs, counters, UDTs as part of data modeling.
* Build Restful API web services using Node JS and Express JS and used a full complement of Express, Angular JS, Node. js, and Mongo DB to store and present assessments.
* Created and injected spring services, spring controllers and DAOs to achieve dependency injection and to wire objects of business classes.
* Integrated supply chain applications with other enterprise systems
* Developing and editing user Interface Screens using JSP, HTML5.0, JavaScript.
* Experience in **Transaction usage, Servlets, JMS, Java Beans, Web Services, Multithreading Executor Services**.
* Extensively used various Spring Framework modules like MVC, DI (IOC), Auto Wiring, Spring Security, Spring Boot and AOP.
* Experience in developing Docker file to containerized applications to deploy on managed Kubernetes service EKS and AKS
* Installation, configuration, integration, and monitoring of OPI and different third-Party Payment Processing Systems.
* Responsible for maintaining and expanding AWS (Cloud Services) AngularJS, REST, Action Script, NoSQL, Node.js, RDS, Lambda functions, Jenkins, Docker, Kubernetes, Spring Boot, Oracle, Microservices Architecture, APIs gateway, Microservices infrastructure using AWS Stack especially worked with database setup and maintenance on AWS EC2.
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Deployed Spring Boot based micro services Docker container using Amazon EC2 container services and using AWS admin console.
* Extensively used Hibernate mappings, HQL, Criteria, Lazy loading Transactions and Locking for interacting with Oracle database.
* Built microservices using Docker, azure, AWS Lambda, and Elastic Beanstalk.
* Developed REST Web Services clients to consume those Web Services as well other enterprise-wide Web Services.
* Designed SOA integration using Apache CXF. Enabled rapid service tier development.
* Used Ajax for sending and retrieving data from server by giving URL to get JSON data for models and to populate models from the server.
* Managing the Azure Kubernetes Services( AKS) policie, providmg access to different Azure resources and developing and Improving the workflows that overn access-
* Expertise in working with technologies: Core Java,UI/UX,NoSQL, Jasmine, Spring MVC, Spring Batch, React, Spring Boot, Spring JDBC and Hibernate.
* Used Hibernate Transaction Management, Hibernate Batch Transactions, and cache concepts.
* Modified the Spring Controllers and Services classes to support the introduction of spring framework.
* Used Hibernate as ORM tool and defined the mapping and relationship of each table in the database.
* Used Maven and Jenkins to automate the build and deploy process.
* Integrating spring with Elastic search.
* Worked on migration Microsoft azure service to AWS service for a project.
* Used Spring boot for creating decoupled architecture.
* Handled Java Multithreading part in backend component, one thread will be running for each user
* Used most of the new features of Java 8,9,11 like lambda expressions Python for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
* Developed Service layer using Spring and persistence layer using Hibernate.
* Used most of the new features of **Java 8** like **lambda expressions** Python for communicating between business layer and database, stream API for Bulk Data Operations on Collections using both streams and parallel streams.
* Exposed the Web Services to the client applications by sharing the WSDL.
* Apache Kafka was used to do data streaming for this project.
* Setting up apigee proxy API on Azure cloud platform Automating the Apigee installations and work flows.
* Implemented the application using Spring IOC, Spring MVC Framework, NoSQL, GitHub, React, Spring Batch, and Spring Boot also handled the security using Spring Security.
* Deployed the application in AWS EC2 instance performed continuous integration using Jenkins.
* Used Git, BitBucket as part of the version control system for code check-ins. .
* Worked on the integration of the platform with payment gateway for paid services offered by the application.
* Experience in Google Cloud Deployment Manager and managed deployments on GCP.

**Environment**: Spring, Hibernate, Web services, JQuery, JSP, AJAX, Java Script, Jenkins, kafka, Web Sphere 8.5, Git, Bitbucket, Node.js, Tomcat, AWS, Kafka,CI/CD, IBM MQ, Maven, , Spring Batch ,Angular 6, Google cloud platform, Spring MQ, Spring MVC, Web Services, SOAP UI, PrimeFaces, Chef, NoSQL, Elastic search, JAXB, WSDL, Microservices ,JBPM, XSD, XML, XML Spy, SQL, PostgreSQL, Microsoft Visual Studio 2010, DB2, SQL Server 2010, Microsoft Visio, SonarQube, Eclipse, TDD.

**Client: UPS | Atlanta Duration: MAY 2021 – JULY 2022**

**Role: Sr. Java Developer**

* Developed web application by using Java/J2EE, Spring framework, Struts framework and hibernates.
* Created API’s using rest-based web services.
* Involved in updating the Spring Batch ,spring framework version
* Responsible for developing, deploying, and supporting Java web services and application.
* Implemented features like logging, user session validation using Spring-AOP module.
* Upgraded the UI screens in the application to single page UI using HTML5, JavaScript and CSS3.
* Wrote build and deployed scripts using Maven, shell script to build and deploy the application in JBoss Application server.
* Implemented Java-based solutions for seamless integration of supply chain management systems.
* Setting up apigee proxy API on Azure cloud platform Automating the Apigee installations and work flows
* Experienced with Akka building high performance and reliable distributed applications in Java 8.0 and Scala.
* Integrated Java and Angular based application to Elastic Search tier via Spring 4 Restful Controllers communicating to a custom java utility wrapping the Jest API.
* Specialized in provisioning EKS Kubernetes cluster on AWS, GKE Kubernetes cluster on GCP including masters, slave, RBAC,helm, kubectl, ingress controllers via Terraform foundation module.
* Worked with TIBCO EBX, a Master Data Management(MDM) tool that enables data consistency across different systems in the application.
* Well versed with core Java concepts like collections, multithreading, serialization, Java beans.
* Deployed **GKE** on **GCP** with the help of Gitlab-Jenkins-Terraform integration
* Primarily worked developing data modeling and data governance principals as these are the important components of the EBX
* Designed, configured, and deployed Amazon Web Services for many applications utilizing the AWS API gateway and ELK (Elastic Search, Kibana, Logstash) stack focusing on high availability and fault tolerance that is produced by Apache Spark cluster.
* Developed the Spring AOP Programming to configure logging for the application.
* Design the database schemas which include the design of the data and tables in the database.
* Used LOG4J & JUnit for debugging, testing and maintaining the system state.
* Setup and build AWS infrastructure various resources Kubernetes, , Spring Batch ,Terraform, Chef, NoSQL, React, VPC, ELB, EC2, S3, IAM, EBS, Security Group, Auto Scaling and RDS in Terraform.
* Created and Implemented Microservices using spring boot, REST, JSON.
* Involved in system design and development in core java using **Collections, multithreading and exception handling**.
* Configured session timeout with Spring Boot in server side and implemented auto logout Functionality.
* Coded DB2 stored procedures and user-defined functions that contain business logic.
* Used Maven build tool for deployment in application servers. It was also used for dependency management
* Participated in development of a well responsive single page application using Angular 8 framework, JavaScript, and jQuery in conjunction with HTML5, CSS3 standards, with front-end UI team.
* Deployed applications into Continuous integration environments like Jenkins to integrate and deploy code on CI environments for development testing.
* Configured Spark streaming to receive real time data from the Kafka and store the stream data to HDFS using Scala.
* Used Spring MVC framework for developing web applications. Created and consumed REST web services
* Built client-side pages using JavaScript and implemented client-side validations using JavaScript and jQuery.
* Installed, configured, and administered Jenkins CI tool.
* Maintained source code in GIT Repository.
* Customized and extended functionalities of Enterprise Resource Planning (ERP) systems using Java to meet specific supply chain requirements.
* Expertise in AWS Identity and Access Management (IAM) such as creating users, groups, organizing IAM users to groups, assigning roles to groups.
* Worked on AMQ configs and Kafka client to unit test the enhanced components.
* Used Java 1.8 Stream and Lambda expressions to store and process the data.
* Used Spring Batch to process large volumes of records, including logging/tracing, transaction management.
* Used Hibernate mappings, relationships between tables and entity classes to access and update information in the database.
* Experience integrating the internal security model into new projects with Spring Batch, Spring Microservices and Spring Boot, Pivotal Cloud Foundry, and Netflix Eureka.
* Deployed Spring Boot Microservices into AWS EC2 container service using AWS admin console and used lambda to run applications in AWS console.
* Worked on migration Microsoft azure service to AWS service for a project.
* Experience in Node environments using Grunt, Gulp, Bower, NodeJS and NPM modules like http-server, MongoDB, Micro Services, Elastic Search, Redis, Spark.
* Experience with designing and configuring secure Virtual Private Cloud (VPC) through private and public networks in AWS and create various subnets, routing table, internet gateways for servers.
* Used Log4j for logging to trace the application log messages which is used for debugging.
* Used JIRA for writing user stories and raising defects in a defined sprint.
* Involved in gathering business requirements, analyzing the project by working in AGILE Methodology Environment which includes Test Driven Development (TDD) planning, grooming and backlogs.
* Involved in the Scrum meeting, Sprint (2 weeks/14 days) planning, product backlog/user stories refinement meeting.

**Environment**: HTML 5, CSS 3, Bootstrap, Angular8, JBoss Fuse ,Terraform, Microservices, Kafka, AWS, Kubernetes ,JavaScript, JSON, Maven 3.0, Spring 4.x, PostgreSQL, NoSQL ,Chef, Jasmine, Hibernate 4.x, Typescript ,Python, Mule ESB, Restful Web Services, Rest API, Apache, React, jQuery,JSON, Amazon Elastic Beanstalk, S3, Jenkins, Git, Elastic search, jQuery, JAX-RS, Junit 4.4, Log4j, Agile Scrum.

**Client: Panasonic Automotive|Peachtree City, GA Duration: NOV 2020 – APRIL 2021**

**Role: Java Developer**

* Technical walkthroughs with business analysis team assessing technical complexity, dependencies, risks, and improvements and help document formal business requirements.
* Implemented Spring Framework for dependency injection to inject appropriate class objects depending on the source of the application process.
* Used and implemented Spring MVC to decouple the object classes dependency, to keep the MVC configuration simple.
* Developed web applications using Java/J2EE technologies MVC and Spring Boot.
* Worked extensively on Spring boot and Spring Batch for building web service.
* Used Spring MVC for REST API's and Spring Boot for Micro Services.
* Extensively used/modified jQuery to perform AJAX calls for creating interactive web pages on JSON response.
* Implemented GCP cloud Functions in Python for Data Pipelines to transfer data from GCP to AWS.
* Utilized Java 8 features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application.
* Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Using J2EE design patterns like Singleton and used DTOs to transfer the data.
* Implemented AJAX to make web pages more interactive, also enabling switching between different independent tabs.
* Built rich prototypes and applications using HTML 5, CSS 3, JavaScript, Angular JS, XML.
* Implemented Angular JS components such as modules and APIs to build the MVC of the Single Page Application (SPA).
* Developed Client web application using React JS, Redux, and Webpack.
* Installed, configured, and administered Jenkins CI tool on AWS instances.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application
* Worked on front end applications like HTML5, CSS3, Java Script, ReactJS.
* Experience and ability to support Assessment phase and evaluate Design, code, build / deployments relating to Microservices.
* Developed User Interface using AngularJS, jQuery for dynamic web flow.
* Consumed REST Web services from server-side application using JAX-RS libraries for modifying the data and the data expecting from client has no modification and requested from Angular JS and sent to UI directly.
* Developed front end modules and consumed various Web services in the business layer using protocols like SOAP, UDDI and WSDL for business processes like financial resolver, net worth calculator, Credit Card Application, and tax calculator etc. in the application.
* Implemented spring boot microservices to process the messages into the Kafka cluster setup.
* Performed configuration, deployment and support of cloud services including Amazon Web Services.
* Involved in writing PL/SQL Stored Procedures, functions, and views for Oracle database
* Prepared Test Cases to perform Unit, Integration and System Testing. Tested the developed components using Junit.
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Deployed Spring Boot Microservices into AWS EC2 container service using AWS admin console and used lambda to run applications in AWS console.
* Used Log4 J components for logging. Perform daily monitoring of log files and resolve issues.
* Created Restful APIs for some of the core functionalities for third party which consumes and produces data in JSON format using JAX-WS framework.
* Performed Integration Testing for the integrated components, deployed application to IBM Web Sphere.
* Involved in implementing pom.xml with the team for the application using Maven tool.
* Extensively used Eclipse for writing code.
* Involved in Analyzing the User requirements.
* Involved in deriving the Test Scenarios and designing the test cases.

**Environment:** Java 8, J2EE, Spring MVC, Spring ORM, Spring Boot, Hibernate, EJB3, Restful web service, Spring Boot, JAX-WS, Unix shell script, Jenkins,Splunk,kafka, Microservices, , Spring Batch ,Maven, AWS,Oracle, SQL, MS SQL Server 2005/2008, Micro services architecture, Eclipse IDE, , Elastic search ,Log4j, SVN, GitHub, AJAX, JUnit, Apache Tomcat.

**Client: Key Bank | O’Fallon, Mo Duration: Sep 2019 – OCT 2020**

**Role: Java Backend Developer**

* Worked with different business unit teams to gather functional and operational requirements.
* Created functional specifications and configuration documents based on the user requirements for different modules.
* Worked on developing backend Restful web service using Spring Boot and Spring's REST API's for writing core business logic to retrieve financial related information.
* Used Spring MVC framework for developing web applications. Created and consumed REST web services.
* Developed the User Interface using HTML 5, CSS, JavaScript, jQuery and AJAX.
* Used XPath to parse the XML response.
* Worked on AWS Lambda for event driven work flow, working on Databases, Creating and Hosting micro services on EC2 Instances, and automating things using JSON Scripts, Creating End-Points for the services, integrating through API's, involved in creation of APIs and API Gateways for by establishing Secure connection between the end-points.
* Created and configured the continuous delivery pipelines for deploying microservices using Jenkins CI Server.
* Implemented a continuous deployment (CD) pipeline involving Jenkins, to complete the automation from commit to deployment.
* Implemented **AWS Lambda** functions for subscription based payments.
* Developed and integrated various microservices, including user management, product catalog, shopping cart, and payment processing, using RESTful APIs.
* Experience building Microservices for the delivery of software products across the enterprise
* Created plugins to extract data from multiple sources like Apache Kafka, Database and Messaging Queues
* As a version control tool used GIT and IDE as Eclipse to build the code.
* Use of Jenkins pipelines to drive all Microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes.
* Involve in the Scrum Daily Meetings, Sprint(2weeks/14days) Planning, Product Backlog/User stories Refinement Meetings, Sprint Retrospection, and also creating user stories/bugs.
* Responsible for building the application EAR, WAR and JAR files for different environment using ANT script
* Responsible for the GIT Version Control Repository Management which contains Software Code.
* Developed unit tests using tools like Mockito to check correctness of functionality.
* Performing Spring Boot Java Application Development and Testing process which also involves Apache Camel Route Processing, Java Message Service (JMS).
* Created and maintained several Micro Services serving various functions in the cloud-service layer as well as the web layer.
* Developed Spring boot application with microservices and deployed it into AWS using EC2 instances with k8 cluster
* Developed rich GUI using AngularJS and NodeJS for the front end of the application.
* Involved in developing DAOs using Hibernate and JPA API.
* Written complex PL-SQL scripts to perform backend data fixes and other procedures to move the data from main tables to the History tables.
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Created Class diagrams, Sequence diagrams, User case diagrams and activity diagrams based on the functional requirement document.
* Setup and build AWS infrastructure various resources Kubernetes, Terraform, React, VPC, ELB, EC2, S3, IAM, EBS, Security Group, Auto Scaling and RDS in Terraform.
* Built microservices using Docker, azure, AWS Lambda, and Elastic Beanstalk.
* Developed server-side application to interact with database using Spring Boot and Hibernate.
* Setup and build AWS infrastructure various resources Kubernetes, Python, k8 cluster, Terraform, React, VPC, ELB, EC2, S3, IAM, EBS, Security Group, Auto Scaling and RDS in Terraform.
* Responded to the Incident tickets and interacted with various other teams for resolution.
* Used LOG4J & JUnit for debugging, testing and maintaining the system state.
* Used Maven and Jenkins as project build tools.
* Packaged and deployed the application in IBM WebSphere.

**Environment:** Java 1.8, J2EE, jQuery, Eclipse 3.4, Oracle 12c, JPA2.0, Hibernate 3, JSF2.0, JUnit 4, REST, XPath, XML, MongoDB, Quartz 2.2.3, AngularJS, PL-SQL, Oracle SQL Developer 4.0.2,AWS, IBM ClearQuest 7.1, Jenkins, Automation Testing- Cucumber Framework, Couch base NoSQL database, Restful Web Services using microservices architecture.

***Client: Lister Technologies| Chennai, India*  *Duration: AUG 2014 – July 2019***

***Role: Software Engineer***

* Interacting with the system analysts, business users for design & requirement clarifications.
* Involved in analysis, designing, component level design & development of external projects & change requests.
* Used J2EE design patterns such as Singleton, factory, façade, Value Object.
* Used Struts Tag Libraries (like html, bean, and logic) to develop the JSP pages.
* Used Struts tiles to achieve reusability among the view pages.
* Developed the user interface for the client server using Swing.
* Worked with Swing and RCP using Oracle ADF to develop a search application which is a migration project.
* Involved in the development of business module applications using J2EE technologies like Servlets, Struts and JDBC.
* Used Node Js as proxy to interact with Rest services and with Database, building real-time Web API's.
* Using CW, Java script, J-Query, JSTL, CSS and Struts 2 tags for developing the JSP'S.
* Used AJAX (scrum) to handle the user requests asynchronously and to have faster responses from the server by directly connecting to the server.
* Used SVN as version control
* Designed and developed entire front end from scratch while extensively using AJAX, CSS and J-Query.
* Used Hibernate tool to deal with database. Used Hibernate extensively to have Database access mechanism with complex queries through Hibernate Query, Criteria interfaces.
* Used DAO pattern to deal with database.
* Used Web Services to get the List of insurance products for the user.
* Implemented SOA to develop Web services using Apache AXIS for Branch shipping and Reports modules.
* Used WSDL for publishing Web Service interfaces.
* Implements SOAP messages for information exchange for Web services.

**Environment:**J2EE 1.4, Struts 2, Hibernate2.1, MVC, OOA/OOD, Java Server Pages (JSP)2.0, EJB3, AJAX, JMS, XML, Design Patterns, SVN, Web Sphere Application Server (WAS).

***Role: Linux Administrator***

**Client: Key Point Technology| Hyderabad, India**  **Duration: AUG 2013 – JULY 2014**

* Created and maintained **Python** scripts for Automating Build and Deployment Process. Utilized **Nagios** based Open Source monitoring tools to monitor **Linux** Cluster nodes.
* Developed the **Shell** scripts**, Ruby** scripts, and python scripts to automate the system level activities and to run the **API** calls and parsing through the outputs of the **REST API** calls.
* Administered **Linux** servers for several functions including managing **Apache/Tomcat server**, mail server, **MySQL** database, and firewalls in both development and production.
* Created **tools** and **scripts** to automate integration with other IT solutions in order to offer accurate asset management, **cyberreporting** capabilities, and **licensingmanagement**.
* **VMwareESXserver** instances were installed and configured for virtual server setup and deployment. In charge of building **VMware** virtual guests that run **Solaris**, **Linux**, and **Windows**.
* Provided on-call support, and system issues and **defects** were resolved in collaboration with vendors.Proficient in **Systemadministration**, **systemplanning**, **coordination**, **commissioning**, **securityhierarchy** setup, and **capacityplanning**.
* Responsible for building and supporting **Solaris/Linux/AIX/HP-UX** servers.
* Used various Core **Java** concepts such as Exception Handling, Collection APIs to implement features.
* Creating and maintaining client's data interface utilizing SSH File Transfer Protocol.
* Installation and configuration of Web hosting administration such as **HTTP, FTP, SSH, RSH.**
* Installation of patches, security fixes and packages on **AIX** and **Linux servers.**

**Environment:** Linux, Shell, Perl.