**Venkata Harshitha Palakolanu**

**Cont No:**  980 304 3817

**Email ID:** [**mark@metaitsystems.com**](mailto:mark@metaitsystems.com)

**Professional Summary:**

* Around 9+ years of professional experience in Information Technology (Java and J2EE technologies).
* Experience working with different SDLC including Requirement gathering, Analysis, Design, Coding, Testing and Implementation like AGILE (SCRUM), TDD, and Waterfall Models.
* Expertise in developing SOA (Service Oriented Architectures) and Micro service architectures using J2EE web services based on Restful (JAX-RS), SOAP(JAX\_WS), JAX-RPC, and JAXR using frameworks like Apache CXF, Jersey, Apache Axis.
* Implementing Core Java SE 8 concepts like Streams API, Lambda functions, Functional programming, and Generics.
* Experience in implementing and deploying Java EE design patterns such as Singleton, Abstract Factory, DAO, DTO, and Business Delegate in the Development of Multi-Tier distributed Enterprise Applications.
* Unit tested web services using Junit, Mockito Easy mock, Spring Junit Runner, Spock, Testing, and achieved TDD goals.
* Worked extensively with JAVA 8 features like Time API, Functional Interfaces, Completable Future, optional, Multithreading, Transaction Management, Exception Handling, Collection API.
* Widely used various open-source MVC architecture like Struts 2.0, Spring MVC, and ORMFrameworks like Spring JPA with Spring Data, Hibernate, IBatis, MyBatis and Spring JDBC.
* Experience in Transaction usage, Servlets, JMS, Java Beans, Quarkus, Web Services, Multithreading Executor Services.
* Strong experience with EJB, Struts, Spring Boot, Spring framework implementing modules: Spring MVC, Spring Boot, Spring IOC, Spring IO, Spring AOP, Spring Security, and Spring Data.
* Extensive experience in developing web applications using HTML5, XML, XHTML, DHTML, CSS, CSS3(Sass,Less), Bootstrap, JavaScript, DOM, jQuery, Ajax, JSON, and JSP.
* Developed real-time dashboard applications for visualization and analytics on Apache web servers using Kibana, Splunk, Grafana, SumoLogic, and New Relic integrated with DataDog.
* Developed the backend system, involved in writing and fine tuning the databases SQL queries, views, functions triggers, and procedures and Strong experience with Content Management Systems (CMS) such as Drupal and custom module development for Drupal.
* 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.
* Experience in Spring Security Framework for User Access Management, JWT token-based authentication, and involved OAuth 2.0 configuration for authentication and authorization.
* Excellent knowledge on Spring IOC to inject objects based on selecting components like setter injection and Interface injection to manage the object references.
* Experience in integration tools like Spring Integration, Mule ESB, Apache CXF, and Apache Camel to integrate the enterprise application technologies with existing JVM environments.
* A good amount of hands-on experience developing server-side JavaScript frameworks using Node JS (Hapi JS, Express JS) to build event-driven, non-blocking I/o model web applications.
* Strong experience in building applications using the JavaScript Mean stack: MongoDB, Angular JS, Express.js, and Node.js  java 11,
* Implemented the Kotlin with Android studiofor smooth functioning of the location based services GPS, Bluetooth on Android.
* Experience in developing server-side code with good knowledge of enterprise and persistence design patterns like Singleton, Factory, Business Delegate, MVP and Service locator, DAO, DTO, MVVM, and MVC
* Experience in cloud services using Amazon Web Services (AWS) and Google Cloud Platform (GCP).
* Experienced in working on Spring Modules (DAO, MVC, Securities, AOP, ORM data), Quarkus, Micronaut, JWT.
* Strong experience developing Dynamic Single Page Application (SPA) using MEAN (Mongo, Express Angular, and Node) full-stack development tool kit.
* Proven experience with Application Servers like IBM WebSphere, Oracle/BEA WebLogic, JBoss, and Tomcat.
* Experience in integration testing tools like Selenium Web Driver, Cucumber.
* Experience in MQ services like Apache Kafka, Rabbit MQ, Active MQ, and IBM MQ.
* Sound learning on the consistent mix and persistent deployment tools like Jenkins, Hudson, Travis, Puppet, and Bamboo. Substantial involvement in UNIX and Shell scripting to automate the build scripts.
* Served as the lead PowerShell developer in hundreds of Windows based migration and automation projects
* Authored several scripts leveraging VMware's PowerCLI and Windows PowerShell to ald with capacity planning and monitoring of the virtualization infrastructure.
* Based on provided OU and Group Policy design strategy, implemented scalable automation using Windows PowerShell for creating the AD structure for new sites and locations, allowing for significantly increased efficiency and accuracy
* Good understanding on Server-side JavaScript structures like Node JS, with Hapi.JS, and Express.JS.
* Expertise in Developing applications using Model View Controller MVC and Model View ViewModel MVVM Architectural patterns.
* Experienced in Capital markets, Fixed Income, Wealth Management, Alternative Investments, Client Statements, Commodities and front-end trading applications.
* Having good Experience in MVVM design pattern such as Angular 2.X and Angular 4.X.
* Good understanding of Object Oriented programming and Design patterns like MVC, MVP, MVVM.
* Skilled in developing APIs for middle ware Framework modules for mobile platforms using C and C++ and Java.
* Experience in testing with JUnit Framework using Mockito and Easy Mock, Spring Junit Runner, JMeter. Worked on testing JavaScript structures utilizing Mocha and Chai, Jasmine, and Karma.
* Expert in Various Agile methodologies like SCRUM, TTD, Incremental and Iterative methodology, Pair Programming, Agile Development & Testing using SDLC.
* Good Knowledge in Amazon Web Services (Amazon EC2, Amazon S3, Amazon Simple DB, Amazon Elastic Load Balancing, Amazon SQS, Amazon EBS, and Amazon CloudFront).
* Extensive AWS Experience including AWS Services such as EC2, VPC (NAT, VPC Peering and VPN), IAM (Identity and Access Management), Elastic Beanstalk, Lambda, S3, CloudFront, Glacier, SQS, SNS, RDS, DynamoDB, Route53, CloudWatch, CloudTrail, CloudFormation, Security Groups, etc.
* Development experience in finance, capital market and electronic trading domain using core java and other programming languages.
* Responsible for Drupal module development, Profiling and optimization, Drupal theaming.
* Experience in software development of Investment Banking Reference Data, Fixed Income Trading. Banking, Mortgage, Wealth Management, Sales Planning, etc.
* Handled operations and maintenance support for AWS cloud resources, including launching, maintaining, and troubleshooting EC2 instances, S3 buckets, Auto Scaling, DynamoDB, AWS IAM, and Elastic Load Balancers (ELB) and Relational Database Services (RDS). Also created snapshots for data to store in AWS S3.
* 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 database design and development of PL/SQL stored procedures and packages in relational databases like Oracle, SQL Server, PostgreSQL, DB2, MySQL, and experience in implementing, designing, and developing NoSQL Databases like MongoDB.
* Used Hibernate to store the persistence data into the PostgreSQL database and wrote HQL to access the data from the database.
* Expertise in preparing interactive Data Visualization's using Tableau Software from different sources.
* Involved in designing and creating the Database Tables using PostgreSQL Database.
* Using Kotlin for implementing new modules in the application.
* Have knowledge on Kotlin Android Extensions framework.
* Improved overall AD replication health by developing an automated process using PowerShell to ensure that the organizations site-link topology was consistent with intended design, resulting in stable and efficient replication environment.
* Experienced in the analysis and design of applications using OOAD techniques, Rational Rose Use Cases and Design Patterns (MVC, MVP, Singleton, and Data Access Objects).
* Created lightweight custom monitoring solution using Windows PowerShell to monitor the health of the 200+ Domain Controllers in the environment which included nightly Best Practice Analyzer scans,
* Developed scripts with Windows PowerShell to automatically configure network settings and vmkernel ports for ESXI servers including multipathing policy, storage LUNS and MTU size for both
* Experience writing SQL queries in PL/SQL, Triggers, and Stored Procedures in Relational Database management systems like Oracle, MS SQL, MySQL, and DB2.
* Expertise in using Design patterns and object oriented methodologies to design software for mobile phones.
* Hands-on experience with building Java projects using build tools like ANT, Maven, Gradle, and integrating the project Bamboo, CD/CI, Jenkins, Aws Code.java 11,
* Used Kubernetes Linux container for deploying and scaling containerized applications.
* Good knowledge of Drools Rule Engines, which corresponds to validating BRMS (Business Rule Management System).
* Knowledge of Electronic trading, Trade data, Fixed income products Agencies, corporate, municipal bonds. FIX Protocol 4, Straight Through Process. STP trading system. Worked as core java multi threading application developer as well as backend web application developer.
* Expertise in using NPM and BOWER package and Dependency management.
* Expertise in using JavaScript build tools and task runners like Webpack for React and Angular 8.0, Grunt, Gulp for Angular, Browser for packaging NodeJS modules for browsers.
* Excellent knowledge in developing applications using MVC and MVVM client-side JavaScript frameworks such as Angular 8.0, AngularJS to create dynamic web applications, Backbone.JS, Ember.JS, Handlebar.JS.
* Experience designing and developing various Angular 8.0 Components, Services(observable/promises), Directive, and Pipes.
* Experienced in utilizing source code variant administration apparatuses like SVN, Git, Bit Bucket, and undertaking sprinters like Babel, Grunt, Gulp, and Web pack.
* Developed various Typescripts (ES6) objects, including Components, Providers, Services, and classes using arrow functions and optional types.
* Solid experience developing the rendering view React JS components, forms, events, routers, and Redux asynchronous functions and implemented React - Flux pattern for core dependency.

**Technical Skills:**

|  |  |
| --- | --- |
| **Programming Languages** | C, C++, Java, PL/SQL |
| **JavaScript Frameworks** | Angular JS, Angular 2+, jQuery, Node.js, Backbone.js, React.js, Express.js, Ember.js, Handlebars.JS |
| **Java/J2EE Technologies** | Servlets, Spring, EJB, JPA, JTA, JDBC, JSP, JSTL, Java |
| **Frameworks** | Struts 2.0/1.0, Hibernate 4.x/3.x, Spring 3.0, Spring Batch, Spring Security, Spring AOP, Spring Core, JSF, iBATIS, Spring IOC |
| **Web Technologies** | HTML, HTML5, CSS/CSS3, AJAX, jQuery, Bootstrap, XML, Grunt, Gulp, JSON. |
| **Database** | SQL Server, MySQL, Oracle, Mongo DB, DB2 |
| **Cloud Technologies** | Amazon EC2, S3, simple DB, Elastic Load Balancing, SQS, EBS, cloud front, GCP (Google Cloud Platform), EKS and PCF. |
| **Web Services** | XSD, WSDL, Apache Axis, SOAP, Restful, GraphQL, JAX RS, JAX WS |
| **Messaging** | JMS (Java Message Service), IBM MQ, Apache Active MQ, Apache Kafka |
| **Web Servers** | Oracle WebLogic 10.x/9.x, IBM WebSphere 8.x/6.x, Apache Tomcat 8.0/7.x/6.x |
| **Application Servers** | Apache Tomcat, WebLogic, IBM WebSphere, JBoss |
| **Methodologies** | Agile, Waterfall, OOAD, SCRUM |
| **Testing Tools** | JUnit, Mockito, Jasmine, Karma, Karate, Mocha, Chai, Selenium |
| **Version Control** | SVN, CVS, GIT, GITLAB |
| **Build Tools** | Maven, Gradle,MVP, ANT |
| **IDEs** | Eclipse IDE, RAD 6.0/7.0, Intellij IDEA, Spring Tool Suite (STS) |
| **Operating Systems** | Windows, Linux, and UNIX |
| **Software** | Visual Studio, Rational Rose, and Microsoft Office |

**Educational Details:**

**Bachelors in Computer Science Engineering (Osmania University)- 2014**

**Professional Experience:**

**Vanguard, San Francisco, CA March2022 - Present**

**Role: Sr. Java Full-Stack Developer**

**Responsibilities:**

* Adapted various design patterns like Business Delegate, Singleton, Service locator, Session Facade, Data Transfer Objects [DTO] and Data Access Objects [DAO] patterns.
* Performed unit testing with Junit and tested using Swagger-UI and Postman for API testing.
* Developed REST exception handling controller to handle bad requests and server-side exceptions.
* Implemented Spring Boot Micro Services to divide the application into various sub modules.
* Wrote Docker files for creating Docker images for Microservices and Docker containers for environment, used Kubernetes to deploy Docker containers.
* Worked with Jenkins for continuous integration, JIRA for project management.
* Involved with team in developing UI applications using front-end technologies like HTML5, JavaScript, CSS3 and pure CSS layouts and using AJAX frameworks: Node JS, Express JS, EJS, jQuery, Angular.
* Created web services using spring at Rest Controllers to return JSON to the frontend.
* Involved in building a single page and cross browser compatible web application using Angular-JS (Angular routing), and used Controllers, Filters, Services, Templates, Events, and Injectors.
* Updated the legacy application by building new components with new features of Angular 8.
* Integrated Auth0 for authorization and authentication of users and API calls from different application.
* Developed Micro Services to provide RESTful API utilizing Spring Boot with Spring MVC.
* Used Maven and private Jfrogantifactory for project builds.
* As part of GCP implemented a spring boot app using IntelliJ IDE and deployed it to Google APP Engine.
* Used spring core annotations for dependency Injection, Spring DI, and Spring MVC for RESTful APIs.
* Created AWS Security Groups for deploying and configuring AWS EC2 instances and used various services such as S3, Kinesis, VPC, Quick sight.
* Used Hapi.js which is fast, assertive, essential and moderate web framework of Node.js that helps manage a server and routes.
* Implemented JavaScript source code and embedded nested handling logic using jQuery event handlers and call back functions, es6.
* Involved in PCF for developing a module using Spring Boot for improving time and efficiency of the process.
* Involved in SDLC Requirements gathering, Analysis, Design, Development and Testing of application by following AGILE methodology (SCRUM).
* Led the analysis and processing of large datasets using Google BigQuery, ensuring data accuracy and reliability.
* Designed and optimized complex SQL queries in BigQuery to extract meaningful insights from data, contributing to data-driven strategies.
* Created server-side module REST API using NodeJS ES6 and Express framework.
* Spearheaded the migration of on-premises data systems to Google BigQuery, resulting.
* Developed and managed data pipelines to ingest, transform, and load data into BigQuery, automating data workflows for efficiency.
* Utilized Google Cloud Platform (GCP) services in conjunction with BigQuery, such as Cloud Dataflow or Cloud Storage, to enhance data analysis capabilities.
* Collaborated with cross-functional teams, including data engineers and data scientists, to define data requirements and deliver comprehensive insights.
* Implemented data security measures and compliance standards to protect sensitive data in compliance with industry and regulatory requirements.
* Conducted performance tuning and optimization of BigQuery queries, enhancing query execution times and overall system efficiency.
* Designed and delivered data visualizations and dashboards using tools like Google Data Studio or Tableau to communicate data insights effectively.
* Created and executed JMeter scripts for performance testing of application.
* Implemented Bean classes and configured in spring configuration file for Dependency Injection, Developed Controller Classes using Spring MVC, Spring AOP, Spring Boot, Spring Batch modules, handled security using Spring Security.
* Led the design and development of large-scale Big Data solutions, overseeing the end-to-end data pipeline from data ingestion to processing and visualization.
* Spearheaded the migration of legacy data systems to modern, scalable Big Data technologies, resulting.
* Developed and optimized ETL (Extract, Transform, Load) processes using tools like Apache Spark and Hadoop for processing massive datasets efficiently.
* Implemented data warehousing solutions, including data lakes and data warehouses, to store and manage vast amounts of structured and unstructured data.
* Utilized NoSQL databases such as MongoDB, Cassandra, and HBase to handle unstructured and semi-structured data, enabling more flexible data storage and retrieval.
* Designed and managed data streaming and real-time data processing systems using technologies like Apache Kafka and Apache Flink, providing timely insights to stakeholders.
* Created and maintained data pipelines and workflows with tools like Apache NiFi and Apache Airflow, ensuring data integrity and reliability.
* Implemented data security and compliance measures to safeguard sensitive data, aligning with industry and regulatory standards.
* Conducted performance tuning and optimization of Big Data applications, improving query speed and overall system efficiency.
* Collaborated with data scientists and analysts to transform raw data into meaningful insights, contributing to data-driven decision-making.
* Created SQL scripts for testing and validating data on various reports and dashboards and handled performance issues effectively in Tableau.
* Worked on the development of Fixed Income analytical tool using Java, Spring and Hibernate.
* Designed and developed new features in MVVM.
* Skilled in implementing Linux features on windows through VM's, UI's and cloud shell in GCP/AWS.
* Developing the automation test cases using Karate framework to test the API functionality.
* Designed, developed and provided continued support to Portfolio Analytics team (for trading fixed income
* instruments), andP&Lsystems serving largeand smallWall Street clients using Core Java and Java Spring.
* Experience using Splunk software for searching logs and reporting.
* Migrating all the existing Google Dialogflow agents from existing gmail accounts to Verizon Enterprise GCP (Google Cloud Platform) accounts.
* Developing webkit browser based mobile app using technologies like Sencha touch, DOJO and PhoneGap.
* Used NodeJS for development and support for client and server-side applications.
* Created Mongoose schema to perform CRUD operations using MongoDB database and communicated with remote server using REST enabled web service on jersey framework.
* Developed application using Java 8 java 11, to implement its features like lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, for each.
* Good Knowledge of Fixed Income/Derivatives and Trading Platforms, Investment Banking, Capital Markets and Financial Industry.
* Design and development of Web Pages using PHP, jQuery, jQuery Mobile, Ajax.
* Developed Android applications and Framework using Kotlin and Java.
* Implemented Batch jobs to deal with large number of chunks using Spring Batch Framework to execute the similar jobs simultaneously.
* Migrated some modules toKOTLINfrom Java.
* Utilized Git Hub (Git Bash &Git Kraken) and SVN for the purpose of version control.
* Used Node Package Manage (NPM) for configuring the modules and libraries required for the application.
* Designed and developed Micro Services business components using Spring Boot.
* Implemented thread safety using Java 8 Executor Service, Lock API, Synchronization, Multi-threading.
* Worked on Spring IOC to inject the services and dependency injection mechanism and create database objects such as Triggers, Functions, PL/SQL packages, Sybase SQL server and MongoDB.

**Environment:** Java 8, java 11, Angular 8, NodeJS, JIRA, GIT, Spring, Spring Boot, Spring boot admin app Spring Security, HTML5, CSS3, Bootstrap, JavaScript, TypeScript, MongoDB, Oracle, SQL server, Microservices, Jenkins, Git, Log 4J 2, Splunk, Hercules,Karate, GCP (Google Cloud Platform), AWS( EC2, Kinesis, S3,IAM, , jQuery Moble, VPC, MVVM, Docker, Kubernetes), Eclipse, Capital Markets, Maven, Kotlin, IntelliJ Unit, Mockito, Selenium, Tableau, Visual studio, Postman, SOAP, REST, JSON, Hibernate, Eureka server, ES6 , Jfrog, Junit, JMeter.

**VISA, San Antonia, TX December 2020 to February 2022**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Extensively worked on Responsive Web Design page development using HTML5, CSS3, jQuery, Angular 7, Vanilla JavaScript, Node.js and JSON.
* Worked on Spring MVC Transaction Management, Spring/Hibernate Batch Transactions and Hibernate cache, Spring Boot components to implement business layer and navigation part of application.
* Jenkins is Built on Docker container and the master controller Kubernetes controls pods.
* Developed various SQL queries and PL / SQL Procedures in Oracle DB for the application.
* Worked on instantiating multiple AWS EC2 servers by using YAML Script in Ansible playbook. Experienced DevOps methodologies by implementing CI/CD Pipelines using tool sets like Jenkins.
* Creating REST based Web Services by establishing links using HATEOAS from Spring-based Applications.
* Used JMeter for load testing to measure the performance of Rest services.
* Responsible for creating and maintaining architecture for Restful API using Spring boot.
* Used Rest client - POSTMAN and SOAPUI tools to test REST API services.
* Implemented RESTful web services to retrieve data from client side and made RESTAPI calls from AngularJS and parsed the data to project client and handled the security and Authorization using Spring Security &OAuth2.
* Worked in a highly dynamic AGILE environment and participated in scrum and sprint meetings.
* Unit Testing Java code using JUnit 4, Mockito and Power Mock Java 11,
* Tracked GCP (Google Cloud Platform) traffic for error-handling and troubleshooting scenarios.
* Configured & deployed Java applications on Confidential Web Services (AWS) for a multitude of applications utilizing teh AWS.
* Drove data analysis and reporting efforts, leveraging advanced SQL queries in Google BigQuery to extract actionable insights
* Designed and automated data pipelines using Google Cloud Platform (GCP) services in conjunction with BigQuery, streamlining data workflows and enhancing analytical capabilities.
* Innovated the integration of machine learning models with BigQuery, enabling predictive analytics and further data-driven decision-making.
* Collaborated with data engineers and data scientists to define data requirements, enhance data quality, and develop sophisticated predictive models.
* Implemented rigorous data security measures and compliance standards to ensure data privacy and adhere to industry and regulatory requirements.
* Developed and maintained data visualizations and dashboards using Google Data Studio, providing stakeholders with dynamic and insightful reports.
* Experience in Converting csv files to .tde files using Tableau extract API.
* Integrated Node.js with Hapi.js and communicated with Mongodb for CRUD operations on the data repository.
* Worked on web application development using MVC and MVP Framework like Struts, Spring and GWT.
* Coded in Java using Android Studio, on the app in MVP architecture to achieve a complete separation of concerns, better code reusability, and a higher percentage of unit tests.
* stack, cloud formation. Combined imperative code and non-blocking reactive style using Quarkus.
* Worked on Spring boot, Spring MVC, Spring Rest full template to develop Application-Level Micro Services.
* Extensively used Angular features such as directives, filters, two-way data binding, services, templates, routing, and dependency injection to build single-page applications in a clean and maintainable way.
* Hands-on experienced working with source control tools such as GIT, SVN.
* Worked on RESTful web services using Jersey, SPRING framework and JAX-RS.
* Hands-on experience working with Continuous Integration (CI) build-automation tools along with Build Plugins like Maven, and Apache Ant.
* Implemented the Front end of the project by using Ext JS MVC/MVVM techniques.
* As part of cloud technologies I worked on various clouds like AWS, PCF and GCP where our micro services were frequently deployed in Dev, STG and Prod environments.
* Involved in analyzing and modifying cucumber/karate tests for QA testing purposes.
* Created different Drupal Admin pages, nodes etc.
* The back-end use of Node.js, Hapi.js, MongoDB and Mongoose the complete MERN Stack to provide RESTful API.
* Provided support related to FIX protocol, Electronic trading platform, IOI, Crossing networks, Dark Pool, Algorithmic trading, FIX connectivity FIX 4.0 & 4.2, Equities, derivatives and fixed income, SQL, ETL.
* Generalized JPA Toplink mapping template for the application so that top link related code could be separated from the actual DAO implementation. Combined imperative code and non-blocking reactive style using Quarkus.
* Developed Mongo DB Data Access Layer implementing Mongo Repository interface from Spring Data.
* Wrote DAO layer, required SQL queries and Spring Controller to handle data and request to Spring application.
* Managed code versioning with GitHub and deployment to staging and production servers.
* Wrote Drool rules in both rule flow and drools for fetching the facts.
* Run the integration tests using karate.
* Developed new modules for the Drupal depending upon the requirements.
* Involved in migrating Hive queries into Spark transformations using Data frames, Spark SQL, SQL Context, and Scala.
* Worked on designing, developing and running Dynamic Runs, Notification Runs and Conversion runs to process the Fixed Income trade data and to load it to Geneva
* Closely worked with the GCP API team to understand the REST contract between FES and API team and architectural design patterns being followed (E.g. Strangler, Split-Traffic).
* Orchestrated the design and management of cloud infrastructure on Google Cloud Platform (GCP), overseeing the architecture, deployment, and scaling of cloud resources.
* Created separate Maven integration test project and configured Cucumber and Karate config file.
* Handled response data from Restful web services using XML, JSON, and jQuery to update UI.
* Used Executor Service Interfaces, Thread Pool Executor class for multi-threading & thread resource pooling.
* Used JAX-RS plus jersey implementation for RESTful web services and containerized it.
* Designed and implemented microservices architecture using Google Kubernetes Engine (GKE), enhancing application agility and scalability.
* Created automated cloud infrastructure provisioning and management workflows using Terraform and Google Cloud Deployment Manager.
* Collaborated with cross-functional teams to define cloud resource requirements, facilitate deployments, and optimize cloud environments for cost-efficiency.
* Implemented robust data security measures, access controls, and compliance standards to safeguard sensitive data in alignment with industry and regulatory requirements.
* Monitored health check using Spring Boot Actuator and API’s using Swagger UI registered micro services.
* Used Build and Deploy Plan Spec templates for deployments and environment configurations in EC2 Clusters
* Utilized AWS Lambda platform to upload data into AWS S3 buckets and to trigger other Lambda functions.
* Utilized Java 1.8 features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application.
* Developed custom themes using Drupal theme.
* Worked on PostgreSQL DataBase hosted on the AWS RDS Service.
* Developed different content types using Drupal Field API.
* Involved in converting Hive/SQL queries into Spark transformations using Spark RDDs, Scala.
* Worked and involved in deployment of core platform technologies, techniques, and web app frameworks such as Spring, Apache, Tomcat, JSON, XML, HTML5, and Web Services.
* Used Log4j utility to generate run-time logs and used Splunk for applications logging request and response.
* Used JBoss for troubleshoot issues.

**Environment:**Java 7/8/11, Angular 4.0, NodeJS, Git, Spring, Spring Boot, Spring MVC, Spring Ribbon, Spring Quartz, Spring Security, HTML5, CSS3, Drupal, JavaScript, jQuery, Junit, JBoss, Quarkus, MySQL, Mongo DB, Hibernate, Drools, Dockers, REST, Hapi JS, JSON, Jersey, JAX-RS, OAuth2, Karate,MVP, HATEOAS, Spark , Eclipse, PostgreSQL, Maven, GCP (Google Cloud Platform), Selenium, Jenkins, JIRA, MVVM, Log4J 2, Apache Kafka, Swagger-UI, Eureka server, APIGEE, AWS.

**AutoZone, Memphis, TN January 2020– November 2020**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Used Java, HTML, JDBC, JSP, Ant, JUnit, XML, JavaScript, and a proprietary Struts-like system.
* Worked extensively with writing SQL and PL/SQL using Sybase.
* Setting up Java/J2EE development environment using Eclipse, Maven, and WebLogic.
* Developed on Tomcat for a WebLogic deployment tools included ANT, JUnit, DBUnit, HttpUnit, Visual Source Safe, and Scarab.
* Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Developed the screens using AJAX, jQuery, HTML5, CSS3, and Angular 2 & 4.
* Built micro services using Docker, AWS Lambda, and Elastic Beanstalk.
* Involved to work with another developer to migrate an existing MS Access application to ColdFusion.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with UNIX Shell scripts to automate routine jobs.
* Diverse experience utilizing tools in N-tier and Microservices architecture applications using Spring Boot, Spring Cloud config, Netflix OSS components (Eureka, Zuul, Hystrix), PCF, AWS, Rabbit MQ, Kafka, Zookeeper, Cassandra, My SQL, Restful Web Services.
* Used Rabbit MQ as Java Messaging Service for producing and consuming data between applications.
* Used Microservices to communicate using synchronous protocols HTTP and REST for implementing SOA.
* All the functionality is implemented using Spring Boot, Micro Services and Hibernate ORM.
* Wrote SQL commands and Stored Procedures to retrieve data from SQL server database.
* Responsibilities included configuration and deployment of tomcat application and web Apache servers, Redis Cache and Kafka Servers. Environments for test, development and production were built from the ground up.
* Built dynamically generated dropdown lists using ES6 & Chrome DevTools.
* Developed the Front-End and User Interface of ARWorks applications using Javascript, ES6, React, and Redux.
* Leveraged cutting edge technology like Kotlin, Android JetPack, Retrofit, Navigation, ViewModel, Room, Actions.
* Developed the backend server with Spring Boot, involving different layers of the application including entity/model, DAO/repository, Controller, Service, Business, and Persistence.
* Designed and developed individual microservices for search modules.
* Responsible for building components to connect to other micro-services using Kafka.
* Importing the data into Spark from Kafka Consumer group using Spark Streaming APIs.
* Migrated the server using the AWS services to a cloud environment.
* Used Maven project management tool for build and deployment of the application.
* Configured Struts, Hibernate framework with SpringMVC.
* Optimizing MongoDB CRUD Operations.
* Proposed and developed on demand Confidential lookup RESTful APIs to facilitate the migration of downstream capital market trading applications, margin, Broadridge integration to AMCSSI.
* Create automation to extend and innovate on microservices infrastructure supporting single sign on user provisioning & de-provisioning multi-factor authentication security and permission management.
* Using OOPS Principles (SOLID) to satisfy the different application needs within a centralized and manageable architecture.
* Involved in analyzing and modifying cucumber/karate tests for QA testing purposes.
* Worked with web designers to develop user interfaces and prototypes for a web-based internal system. Developed the application as Single Page Application (SPA) using Angular 2 MVC.
* Used MAVEN to define the dependencies / plugins and build the application.
* Built enterprise Java applications using POJOs and lightweight frameworks such as Spring and Hibernate.
* Designed and created SQL Server Database, Stored Procedures
* Experienced in implementing Kafka Simple consumers to get data from specific partitions.
* Communicating with a Node.js backend under MongoDB.
* Involved in SPA (Single Page Web Applications) using RESTFUL web services plus Ajax and AngularJS.
* Used MVC pattern for GUI development in JSF and worked closely with JSF lifecycle, Servlets and JSPs are used for real-time reporting which is too complex to be handled by the Business Objects.

Environment: Java, Angular 2 & 4,WebSphere, Micro services, Oracle, SQL server, JSP, JSF, HTML,Jenkins,Kafka, CSS, JavaScript, JSON, jQuery, AJAX, Spring, Hibernate, JBoss, SVN, Subversion, JDBC, JSP, ANT, JUnit, XML, Struts, PL/SQL, SQL, Maven, Eclipse, WebLogic, Tomcat, CSS3, Docker, AWS Lambda, Hystrix, PCF, AWS, RabbitMQ, Zookeeper, Cassandra, RESTfulWebservices, SOA, Kotlin, Spring boot, Hibernate ORM, Karate, Redis, Capital Market, Apache, Spark SQL, Scala, API’s, Spring MVC, Mongo DB, CRUD, OOPS, Concepts, SPA, POJO, Hive, GUI.

**Clint: Wells Fargo, Charlotte, NC March 2019 – December 2019**

**Full Stack Java Developer**

**Responsibilities:**

* Responsible for the overall layout design and prototype using React JS with Redux library, jQuery UI, and CSS/Less and HTML5.
* Made use of React JS to build Bootstrap components for responsive UI objects and linked with API data to view and render the virtual DOM dynamically.
* Extensively worked in writing minimal code in building re-usable forms with their validations using REACT with Redux Architecture.
* Implemented Node JS as a server-side proxy for an event-driven, non-blocking I/O model to make the application lightweight and efficient.
* Good knowledge of Lambda expressions, Time APIs, and Java 8 core features
* Implemented Struts encouraging application architectures based on the Model View Controller (MVC) design pattern and Struts 2 framework for front-end development and presentation logic.
* Optimized cleaning up of session-level Data Structure's shared across different open tabs when data is flushed/committed from one of the tabs.
* Define requirements and specifications for Development using Oracle R12, Oracle Forms, Oracle Reports and SQL.Developed JavaScript for all client-side validations and developed GUI using CSS, JSTL, and XSL.
* Apply focused development changes across oracle databases and see the changes applied through the life cycle of environments and testing into production via internal deployment tool.
* Improved reconciliation processes for all trading accounts ensuring pricing accuracy, positions and risk limits across internal systems with Excel and VBA.
* Contributed to quarkusio/quarkus development by creating an account on GitHub
* Migrated, enhanced, and tested trading application using PowerBuilder and Sybase.
* Web pack module bundler and Babel JavaScript compiler are used accompanying React JS.
* Implemented Spring Boot to create a CRUD back-end for our React-frontend application.
* Worked with Jenkins Continuous Integration and Continuous Deployment (CI/CD).
* JUnit is implemented along with Mokito to perform unit testing on our RESTful web application.
* Experience in Docker Engine and Docker Machine environment, to deploy the micro services-oriented environments for scalable applications.
* Worked with container-based application deployments using Docker with Kubernetes.
* DevOps role converting existing AWS infrastructure to Server-less architecture (AWS Lambda, Kinesis) deployed via CloudFormation.Dockerized Spring Boot application to Pivotal Cloud Foundry PAAS (Platform as a service).
* Experience integrating the internal security model into new projects with Spring Batch, Spring Microservices and Spring Boot, Pivotal Cloud Foundry, and Netflix Eureka.
* Experience in integration testing tools like Selenium Web Driver, Cucumber.
* Performed Unit testing on applications using tools Mocha to test ReactJS and Chai for Node.js.
* Performed Unit testing on ReactJS applications using Karma and Jasmine tools and worked with the Gulp tool to build automation.

**Environment:** HTML5, CSS3, Redis, Express JS, jQuery, JavaScript, Node JS, Bootstrap, REST API, Load Balancer, Mongoose Connector, Mongo DB, REST administrations, Docker, Quarkus, Mocha, Jasmine, Karma, Gulp, SSO Authentication, Webpack, Kubernetes, Selenium, Maven, and Jenkins. GIT, Jenkins, AWS Services, Elastic Cloud Compute (EC2).

**Client:CSC, Hyderabad,Telangana, India May 2016 – September2018**

**Role: Java Developer**

**Responsibilities:**

* Created stubs to consume Web services.
* Involved in writing JSP and JSF components. Used JSTL Tag library (Core, Logic, Nested, Beans and Html taglib's) to create standard dynamic web pages.
* Used Apache Kafka for streaming the application and gathering the metrics.
* Implemented with Angular using its advantage including two-way data binding and templates.
* Designed and established Confidential ’s Highly scalable Serverless micro-service named App Ingestion service using AWS’s API Gateway, Lambda and DynamoDB services used for high-speed data ingestion.
* Identified the defects through Selenium and ensured that business processes deliver the expected results and remain reliable throughout the production release.
* Developed Ruby on Rails 3 web applications using MongoDB and back-ground processes using Resque and Redis.
* Experienced in developing Microservices with Spring Boot, Spring REST, Spring Cloud, Eureka, API-Gateway etc.
* Designed and developed the session module using J2EE for existing cold fusion application.
* Implemented build scripts using Maven and GIT technology for version control.
* Used CQL (Cassandra Query Language) to read from and write data into Cassandra database.
* Worked on NoSQL databases including HBase, Mongo DB, and Cassandra.
* Good experience in creating and consuming Restful Web Services.
* Designed and developed backend application servers using Python.
* Followed MVC Structure and used AngularJS to develop Single page Application.
* Managed application deployment using Python.
* Used Perl as a Scripting language for server-side scripting of web pages.
* Built Web pages that are more user-interactive using JavaScript and Angular js.
* Developed JSP Views, Actions and delegating the tasks to corresponding session beans.
* Working on Struts Framework for developing the front-end application and extensively.
* Spring as middle tier for entire application.
* Strong programming skills in designing and implementation of multi-tier applications using web-based technologies like Spring MVC and Spring Boot.
* Involved in working with Struts Tiles for the common look and feel for a web application.
* Working on Web Services using Java API for XML Services (JAX-WS) and supporting, building, deploying Web APIs Services.
* Connected server and database to update data information with Node.js and MONGODB.
* Wrote PL/SQL statements according to the need using Oracle 11g database.
* Working on an internal web-based client server application built with Struts 2 Framework using Oracle backend Database, working on establishing the relation for the different beans using the Hibernate.
* Involved in writing various components using Spring AOP and IoC framework.

**Environment:** Java11, Struts Framework, Micro services, Oracle, HTML, PL/SQL, JDBC, Stored procedures, Web Logic Application Server, Hibernate, Kafka, ANT, JSP, JSF, JSTL, Apache, Angular, Microservices, AWS, API, Lambda, DynamoDB, Selenium, Web Applications, MongoDB, Resque, Redis, Springboot, Spring REST, Spring Cloud, Eureka, API, maven, Git-Hub, Cassandra, NoSQL, HBase, Restful Webservices, AngularJS, Spring Boot, Spring AOP and IOC framework, JAX -WS, Web Services, WSDL, EJB.

**HSBC Bank, Hyderabad, India June 2014– April 2016**

**Role: Java/ J2EE Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.
* Developed a prototype of the application and demonstrated to business users to verify the application functionality.
* Created Hibernate XML files and Java class files to map the object relation Mappings.
* Developing front end of application using HTML, CSS, backbone.js, JavaScript, jQuery.
* Used Angular js framework where data from backend is stored in model and populated it to UI.
* Prepared user documentation with screenshots for UAT (User Acceptance testing).
* Extensive experience in producing/consuming Rest based web services using JAX-RS, Jersey providers.
* Developed the administrative UI using Angular.js and Node.js.
* Developed and implemented the MVC Architectural Pattern using Struts Framework including JSP, Servlets, EJB, Form Bean and Action classes.
* Hands on experience with MVC JavaScript frameworks such as Backbone.js, Angular.js and Node.js.
* Developed and designed Interfaces using Swing.
* Developed the web layer using Spring MVC framework.
* Worked on a code generation framework that generated Java Swing code from XML
* Developed web services in Java. Experienced with SOAP/WSDL. Have also designed and developed REST interfaces in Java.
* Developed Action Forms and Action Classes in Struts framework.
* Developed Web services (SOAP) through WSDL in Apache Axis to interact with other components.
* Integrated Spring DAO for data access using Hibernate used HQL and SQL for querying databases.
* Implemented EJBs Session beans for business logic.
* Used parsers like SAX and DOM for parsing xml documents and used XML transformations using XSLT.
* Wrote stored procedures, triggers, and cursors using Oracle PL/SQL.
* Created and deployed web pages using HTML, JSP, JavaScript and CSS.
* WroteJUnit Test cases for performing unit testing.
* Used ANT automated build scripts to compile and package the application.
* Used Jira for bug tracking and project management.

**Environment**: Java, JSP, JDBC, Struts, Hibernate,Kafka,microservices, Design Patterns, XML, PL/SQL Developer, WebLogic, Apache Axis, ANT, Clear case, JUnit, Web services, SOAP, XSLT, Jira.