**Chaturved M**

[praveenm@softworldusa.com](mailto:praveenm@softworldusa.com)

**+1 (469) 983-1418**

**PROFESSIONAL SUMMARY**

* Working as a Java Consultant, with around **8** years of experience in capturing **Business Process Requirements, Design, Development, Testing and Implementation** for various client server based applications using **Java** and **J2EE** technologies.
* Developed a micro service using Spring Boot which included Aspect Oriented Programming and deployed the application in distributed systems using Spring Cloud.
* experience in developing professional small - scale to large-scale web applications which includes front-end designing and developing client / server web and mobile applications using HTML5, CSS3, Java script (ES5/ES6/ES7), jQuery, Angular JS/2.0/4.0/6.0, Ajax, XML, JSON, Bootstrap, Angular-material, Node JS, Express JS, React JS, and RESTful Services.
* experience as Cloud, DevOps, Site Reliability Engineer (SRE), and also gained expertise as Linux Administrator which also includes SCM, Build and Release Management, CI & CD as an iterative process and automation of infrastructure using different tools and cloud services like Azure, AWS and GCP.
* experience in Big Data processing using Hadoop and its ecosystem (MapReduce, Pig, Hive, Sqoop, Flume, Spark, pyspark,Kafka and HBase).
* experience in Web Development, Designing User Interface Applications, Testing and documentation of professional web based applications using Java, J2EE technologies,HTML5, CSS, Bootstrap, JavaScript, jQuery, NodeJS, Angular 2.0, React.JS.
* Used Spring Boot for developing stand-alonsze applications using Spring Tool Suite and generated Maven project using Jetty as embedded server, added a RESTful Spring MVC Controller that responds to a request using post, used Swagger for describing and documenting the RESTful API’s.
* In-depth experience in using Kotlin with Android Studio and Eclipse with ADT plugin, designing UI layouts using Linear Layout, Relative Layout, Frame Layout, Table Layout, List View, Grid View and using Android native widgets and custom Widgets
* Experience with various MVC Java frameworks like Angular.JS, EXT.JS, Backbone.JS, Node.JS, EmberJS, BootstrapJS, RequireJs, D3.JS, etc. Responsible for developing the partner Homepages using HTML5, CSS3, JavaScript, React JS, Node JS and JQuery.
* Good working experience on Spark (spark streaming, spark SQL), Scala and Kafka.
* Designed and developed RESTFUL Web Services using Spring Boot and Jersey framework.
* Developed projects with RESTful services (JAX-RS, Spring Boot), SOAP (JAX-WS, Apache CXF, WSDL, Apache Axis2) and automated the documentation using Swagger and WADL.
* Used Gradle as a build tool for Spring Boot used for better dependency management and testing the application until deployment.
* Worked on NSS (Mozilla), PKCS11 library to develop the CRYPTO operations for the Node.
* Experience in Architecting and securing the Infrastructure on AWS using EC2, EBS, S3, EKS, Athena, VPC, Cloud Front, Route 53, AWS Firewall (Security Group and NACL) Dynamo DB, Red Shift, RDS, KMS, IAM, ECS, ELB, Cloud Formation, Cloud trail, Cloud watch, SNS.
* Also have experience in understanding of existing systems, maintenance and production support, on technologies such as Java, J2EE and various databases (Oracle, SQL Server).
* Implemented security functionality for various projects using spring security and Site minder (SSO).
* Professional experience in Log4J for extensible logging, debugging and error tracing.
* Worked on many custom modules and widgets using React JS/CSS/HTML and made those crossbrowsers consistent.
* Developed projects on SOA (Service Oriented Architecture) and Microservices Architecture with RESTful services (JAX-RS with Spring Boot, Spring MVC) and implemented SOAP (JAX-WS, Apache CXF, WADL, WSDL, Apache Axis2)
* Leveraged cutting edge technology like Kotlin, Android JetPack, Retrofit, Navigation, ViewModel, Room, Actions
* Extensively worked on Spark using Scala on cluster for computational (analytics), installed it on top of Hadoop performed advanced analytical application by making use of Spark with Hive and SQL/Oracle.
* Solid Experience with Java based ORM frameworks such as Hibernate, Spring Data and Ibatis.
* Proficient in using Spring Data JPA that helped in creating automatic Data Access Objects (DAOs) at the compile time.
* Developed Web application APIs and Java based applications on REST/SOAP style.
* Experience with various MVC Java frameworks like Angular.JS, EXT.JS, Backbone.JS, Node.JS, EmberJS, BootstrapJS, RequireJs, D3.JS, etc. Responsible for developing the partner Homepages using HTML5, CSS3, JavaScript, React JS, Node JS and JQuery.
* Developed and tested many features for dashboard using Ruby on Rails, Bootstrap, AngularJS, React JS, NodeJS, CSS3 JavaScript, and Rspec .
* Experience in using D-Streams, Accumulator, Broadcast variables, RDD caching for Spark Streaming
* Implemented a ‘serverless’ architecture using API Gateway, Lambda, and Dynamo DB and deployed AWS Lambda code from Amazon S3 buckets.
* Design and implemented intranet applications using Ruby on Rails and PostgreSql on Heroku Cloud Packages and Triggers on databases like MySQL, PostgreSql, and Oracle.
* Worked with NoSQL based ORM frameworks like Mongoose Connector and Cassandra Node Driver.
* Utilised Node.js, Socket.io, Redis, Supervisor, Grunt, Yeoman, and Angular for scalable website architecture and realtime technology.
* experience in development and deployment of various Object oriented and web - based Enterprise Applications using Java/J2EE technologies and working on the complete System Development Life Cycle (SDLC).
* Expertise in implementing and consuming REST APIs using ASP.NET Core Web API, ASP.NET Web API, Azure Management REST APIs
* Strong experience in developing **Single Page Application (SPA) using MEAN (Mongo, Express, Angular and Node)** stack.
* Experience writing apps from scratch in Kotlin.
* Automated OpenStack and AWS deployment using Cloud Formation, Ansible, Chef and Terraform.
* Extensive hands on experience in setting up **CD/CI pipelines** using **Jenkins, Bamboo and GoCD**.
* Hands on experience in developing SPARK applications using Spark tools like RDD transformations, Spark core, Spark MLlib, Spark Streaming and Spark SQL.
* Good Knowledge in documentation of **REST** API’s using **Swagger 2** and **WADL**.
* Proficient in using client side JavaScript build runners namely **Bower, Grunt, Gulp** and **Web pack.**
* Comfortable working with MEAN(MongoDB, Express, Angular, NodeJS) stack.
* Proficient in writing unit tests for JavaScript based Applications using Karma, Jasmine, Mocha and Chai testing frameworks.
* Excellent experience with Relational databases like MySQL, Oracle, SQL Server, DB2 and No SQL Databases like Couch DB and Cassandra.
* Worked with Express.js for development of RESTful web services and middleware configurations.
* Proficient in n-tier application design and development using Java, J2EE, JSP, Servlets, Struts 2.0, Spring and Oracle.
* Using Kotlin for implementing new modules in the application
* Automated OpenStack and AWS deployment using Cloud Formation, Ansible, Chef and Terraform.
* Closely worked with Application using React.JS and Node.js libraries NPM, gulp directories to generate desired view and redux to root the URL's properly.
* Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Strong experience and knowledge of real time data analytics using Spark Streaming, Kafka and Flume.
* Good understanding of React JS and working with Redux architecture.
* Used hapi.js for building REST API’ s for routing, caching and input and output validations and served to build single page application.
* Developed crypto rest services using NodeJS and integrated services with HSM(Hardware Security Module).
* Used JMS messaging using Apache ActiveMQ as Spring Boot application starters which is used for running the consistently and quickly.
* Included Apache Kafka in Spring Boot application for integration and Data Processing Pipeline for persistent messaging, worked with Apache Kafka with Spring Integration which provides inbound adapters for working with low level and high-level Apache Kafka API.
* Have knowledge on Kotlin Android Extensions framework.
* Involved in converting Hive/SQL queries into Spark transformations using Spark RDDs and Scala.
* Included validation in template driven forms in developing dynamic web application using Angular 4 with directives to match attributes with validator functions using HTML validation.
* Developed numbers of Typescripts(ES6) objects including Components, ng Modules, Providers, Services, Interfaces and classes utilizing arrow function and optional types
* Knowledge of rendering large data sets on the application view using ReactJS.
* Extensively used **JavaScript/Typescript, Ajax,** and **JSON** to build highly interactive web pages.
* Worked with spring cloud config, Ribbon, Hystrix and Zul API-Gateway in the spring cloud and Netflix Eureka service to provide weighted load balancing based on several factors like traffic, resource usage, authentication, monitoring services and routing.
* Flexible committed individual with excellent interpersonal & communication skills, aiming to specialize in the fields of Java/J2EE.
* Configuring AWS EC2 instances in VPC network & managing security through IAM and Monitoring servers health through Cloud Watch.
* Experience in building REST API (Micro Services) using NodeJS, Express-JS, and MongoDB
* Proficient in using RDBMS concepts and worked with Oracle 8i/9i/10g/11i, SQL server, and good experience in writing stored procedures, functions and triggers using PL/SQL JDBC, ODBC and JNDI in WebLogic server.
* Experienced in working with in-memory processing framework like Spark Transformations, SparkQL, MLib and Spark Streaming.
* Developed server-side application using Node.js using Express.js as a framework.
* Worked with various frameworks in spring such as **Spring IOC, AOP, Spring transaction Management, Spring Data, Spring JDBC, Spring Batch, Spring Boot, Spring REST, Spring JTA, Spring IO Spring Cloud and Spring Security (Spring security, Site Minder).**
* Hands on experience in implementation of Pivotal Cloud Foundry (PCF) services such as Pivotal Application Service, Pivotal Container Service and Pivotal Functional Service.
* Experience in messaging queue services like JMS, IBM MQ. Rabbit MQ, Active MQ and Apache Kafka.
* Hands on experience with BLE, Android Wear and Kotlin.
* Wrote comprehensive test cases and test plans using JUnit, TestNG, Spock and Mockito for Java based backend applications.
* Solid experience with various web MVC monolithic frameworks such as JSF, Spring MVC and Struts.
* Worked wif RedHat OpenShift v4 Container Platform for Docker and Kubernetes, used Kubernetes to manage containerized applications using its nodes, config maps, services and deployed application containers as Pods.
* Experienced in React JS and working with Redux architecture.
* Experience in AWS EC2, configuring the servers for Auto scaling and Elastic load balancing.
* Experienced in Various Angular4/6/7, Backbone JS, Knockout JS, and Ext JS for rapid front-end app development and to achieve MVVM/MVC design flow.
* Expertise in UI Design and Development using **HTML5, CSS3 (SASS, LESS), Bootstrap** and **AJAX** that follows W3C Web standards and successfully managing all facts of application development.
* Extensive experience in Deploying and Configuring Application & Web Servers such as Oracle WebLogic, IBM WebSphere, JBoss, Glassfish and Apache Tomcat.
* Experience with build tools like Ant, Maven, and Gradle for building applications to different environments.
* working J2EE code to design, schedule, and cost to implement use cases.
* experience in Android using Java and Kotlin
* Experienced in implementing POC using Spark Sql and Mlib libraries.
* Worked with Log Monitoring tools like Splunk and ELK (Elastic Search, LogData and Kibana).
* Proficient in applying design patterns like MVC, Object Orient Design, Singleton, Factory, Session Facade, Service Locator, Visitor, Observer, Decorator, Front Controller, Data Access Object.
* Working with ECMA Script 6 features. Used Babel, web pack with es2015, react JSX presets
* Worked on NSS (Mozilla), PKCS11 library to develop the CRYPTO operations for the Node.
* Experience in frameworks like **Spring MVC and Struts (MVC architecture, interceptors, action mappings and resource builders).**

**TECHNICAL SKILLS:**

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| **Programming Languages** | **Java, C, C++, PL/SQL, .Net** |
| **Web Technologies** | **HTML5, CSS3, JavaScript, AJAX, JSON, Bootstrap, jquery, Angular2.0/4.0, Angular 7, React JS with Flux, Redux, Ember JS, Knockout JS, Back Bone JS, Handlebar JS, NodeJS, Express JS, Hapi JS** |
| **J2EE Technologies & frameworks** | **Servlets, EJB, JSP, JSF, JDBC, SOAP, WSDL, REST, XML, JAXP, JAXB, JPA, JMS, Spring3.x/4.x/5.x, Hibernate, Spring MVC, Spring Boot, Spring Data, Spring Batch, Spring cloud, Dump Analysis.** |
| **Databases** | **Oracle 8i/9i/10g/11i, DB2, SQL Server 2000/2005/2008, MYSQL,MongoDB, Raven DB, Cassandra** |
| **Application/Web Servers** | **Oracle Web logic, IBM Web Sphere, JBoss, Glassfish, Apache Tomcat** |
| **Messaging Services** | **JMS, Active MQ, Rabbit MQ, IBM MQ, Apache kafka** |
| **Web service frameworks** | **JAX-RS, JAX-WS, Apache CXF, Axis, Jersey** |
| **Software Methodologies** | **Agile, Scrum, TDD, Waterfall** |
| **Build & Configuration Tools** | **Ant, Maven, Gradle, Jenkins, Bamboo Gulp, Grunt, Webpack, NPM, Bower** |
| **Testing Tools** | **Junit, TestNG, Mockito, Jasmine, Karma, Mocha, Chai, Spock, Protractor** |
| **Version Control Tools** | **GIT, SVN, CVS, Bitbucket, TFS** |
| **Project Management Tools** | **JIRA, Rally, Microsoft Project** |
| **Cloud Technologies &DevOps Tools** | **AWS, PCF, EC2, EBS, S3, Docker, ECS, EBS, EKS, SQS, RDS, S3, Glacier, Lambda, Kubernetes** |
| **Operating System** | **Windows, Linux, Unix, MAC, MS-DOS** |
| **IDE’s** | **Eclipse, Visual Studio, Intellij, Spring Tool Suite, Sublime Text, WinSCP, Putty** |

**Client:Visa, Austin, Texas. (March 2022-Present)**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Developed React/Redux code using functional programming best practices to enableefficient pure function testing.
* Experienced in working with Redux and Alt JS architecture.
* Utilized create-react-app to launch product to stay update with the most current webpackand babel build configurations.
* Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB.
* Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Developed Spark Applications by using Scala, Java and Implemented Apache Spark data processing project to handle data from various RDBMS and Streaming sources.
* Worked and learned a great deal from AWS Cloud services like EC2, S3, EBS, RDS and VPC.
* Implemented Spring Cloud-Netflix OSS Stack along with using Ribbon for client-side loadbalancing, Netflix Zuul API Gateway with Eureka service registry for reverse proxyinfrastructure and HystrixCircuit Breaker for fault tolerance.
* Experience writing apps from scratch in Kotlin with Android studio
* Worked and learned a great deal from AWS Cloud services like EC2, S3, EBS, RDS and VPC.
* Ran Log aggregations, website Activity tracking and commit log for distributed system usingApache Kafka.
* Working with React Router for developing Single Page Applications SPAs.
* Designed and developed a system framework using J2EE technologies based on MVC architecture
* Deployed and monitored scalable infrastructure on Amazon web services specifically onAWS EC2.
* Worked with Passport and JSON web tokens for authentication and authorization security configurations using Node.js.
* Worked with the Spark for improving performance and optimization of the existing algorithms in Hadoop using Spark Context, Spark-SQL, Spark MLlib, Data Frame, Pair RDD's, Spark YARN
* Imported data from AWS S3 into Spark RDD, Performed transformations and actions on RDD's.
* Worked closely with internal clients to define business objectives, project scope, solutionspace and design/development approach for various research applications.
* Handled Http Requests using Axios which supports Promise API functionality native to JSES6.
* Experienced in developing React components. Used Axios with ReactJs for making AJAX Calls. Worked on Webpack for build and webpack-dev-server a server.
* Extensively Used Jenkins as Continuous Integration tools to deploy the SpringBootMicroservices to Pivotal Cloud Foundry (PCF) using build pack.
* Worked with ELASTIC MAPREDUCE and setup Hadoop environment in AWS EC2 Instances.
* Implemented Kotlin with Android content providers for implementing features like sending E-mails, SMS, etc., from the app and designed suitable GUI for these applications. 
* Involved in developing and testing many features for the dashboard using Ruby on Rails, JavaScript, CSS, Bootstrap and Rspec.
* Used Pivotal Cloud Foundry to quickly build, deploy and update the applications.
* Implemented client side Interface using React JS.
* Used Spark Streaming APIs to perform transformations and actions on the fly for building common learner data model which gets the data from Kafka in Near real time and persist it to Cassandra .
* Developed J2EE components on Eclipse IDE.
* Worked with npm commands and using package.json for managing dependencies and devdependencies of node js applications.
* Developed and tested many features in AGILE environment using Ruby on Rails, HTML5, CSS3, JavaScript, Bootstrap, Rspec.
* Developed the various feature of the application using front end technologies like Backbone JS and React.Js.
* Involved in developing and implementation of the web application using Ruby on Rails.
* Build user interfaces differently by breaking them into components using React JS and useda real, full featured programming language to render views, with React JS.
* Debugged the website using Chrome Developer&#39;s tools and hardcoded the API into scriptfor getting the information about merchants using Node Js.
* Worked with ELASTIC MAPREDUCE and setup Hadoop environment in AWS EC2 Instances.
* Design and development web-application for business reporting and systems monitoring and troubleshooting using J2EE, Tomcat.
* Consumed XML messages using Kafka and processed the xml file using Spark Streaming to capture UI updates .
* Experience writing apps from scratch in Kotlin with Android studio.
* Worked on responsive design and developed a single ISOMORPHIC responsiv
* Involved in multi-tiered J2EE design utilizing Spring Inversion of Control (IOC) architecture and Spring JPA.
* Responsible for Development of Web page using HTML5, JavaScript, jQuery, React.js, Immutable JS, CSS, SASS/SCSS including Ajax controls and JSON.
* Involved in using Spring Data JPA (Java Persistence API) framework and JPA Specificationcriteria builder to work with dynamic queries in java.
* Worked on writing SQL queries for PostgreSQL databases to build PL/SQL functions, storeprocedure, triggers, views and materialized views.
* Implemented the Kotlin with Android studio for smooth functioning of the location based services GPS, Bluetooth on Android.
* Created Front-end Single Page Applications using semantics in HTML5, CSS3, JavaScript, Bootstrap, ReactJS, NodeJS and MongoDB
* Developing and maintaining cloud-based architecture in AWS, including creating machine image like AMI.
* Utilized AWS S3 for images uploading and imageMagick for resizing for scalableperformance
* Used Babel as a transpiler, WebPack as the module bundler in React.js and Redux.
* Developed Unit test scripts using Junit and Spock. Implemented logging using Log4j.
* Designed and developed independent Microservices using Spring Boot Rest Controllermodel and are deployed on UNIX boxes.
* Developed Preprocessing job using Spark Data frames to flatten Json documents to flat file
* Employed Spring Boot for initialize and bootstrapping the build configuration for the bootbased web applications.
* Development of cloud hosted web applications and REST APIs using Spring Boot withembedded Tomcat.
* Used JWT (JSON web tokens) mechanism for authentication and authorization securityconfigurations using Node JS.
* Implemented REST APIs over Node JS and Express.JS in JavaScript and consumed them to the frontend using Angular HTTP service.
* Migrated some modules to KOTLIN from Java
* Built Java applications using Maven and deployed JAVA/J2EE applications through Application servers.
* Worked in React JS for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React concepts
* Utilized most of the AWS services like S3 as a data store for storing the files that fall into the bucket, IAM roles and generated lambda functions to trigger an event that occurs in S3.
* Performed unit testing with Mocha and Chai JavaScript test framework.
* Extensively used Mocha and Chai JavaScript unit testing tools for testing JavaScript pages.
* Worked with Babel and Webpack in application build and deployment processes.
* Implemented testing with Junit Framework using Mockito,SpringJunit Runner, JMeter,PowerMock and MockMVC.
* Load D-Stream data into Spark RDD and do in memory data Computation to generate Output response.
* Created plug ins for an in-house data ingestion framework to extract data from multiple sources like Apache Kafka, Database, file systems and Messaging Queues.
* Able to create and manage External Lookups in Splunk to match event data withdescription.
* Used Node JS for the communication to the server through Restful API and added uservalidations &amp; permissions by using it.
* Worked with modules like MongoDB (NoSQL) for database persistence using Node.js to interact with mongo dB
* Responsible for developing data pipeline with Amazon AWS to extract the data from weblogs and store in Amazon EMR, AZURE .
* Created and consumed RESTful API using Expres.js to provide centralized logic and reusabledata retrieval build on top of Node.js
* Used various J2EE design patterns, like DTO, DAO, and Business Delegate, Service Locator, Session Facade, Singleton and Factory patterns with the help of Hibernate ORM
* Implemented application testability and diagnostics and fixing bugs with the help ofREDUX(Reducers) architecture.
* Replace RxJava implementation with Kotlin coroutines and dispatchers to make asynchronous Network requests, JSON parsing, reading or writing from a database
* Responsible for implementing UI mockups, integrating third party react libraries, andhandling/creating Redux store data.
* Implemented React router for building the single page application.
* Configure and Install Splunk Enterprise and Apache Server for user and role authenticationand SSO.
* Created micro service plugin for service worker to read in info via RabbitMQ message bus tocreate and send SNS messages to AWS SNS topic
* Debug the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions
* Used Cloud formation and launch configurations to automate repeatable provisioning ofAWS resources for applications.
* Worked and learned a great deal from AWS Cloud services like EC2, S3, EBS, RDS and VPC
* Environment: React, Babel, Redux, Axios, Nodejs, Webpack, Pivotal cloud foundry, Jenkins, Docker,
* Deployed this application which uses J2EE architecture model and Struts Framework first on Weblogic and helped in migrating to JBoss Application server.
* Mongoose, MongoDB, Chai, Mocha, Spring boot, Rabbit MQ, Hibernate, Apache kafka, AWS.
* Built React application utilizing Redux for state management
* Migrate payment module to Kotlin programming language and share code such as business logic, connectivity between mobile platforms with Kotlin Multiplatform
* Managing the OpenShift cluster dat includes scaling up and down the AWS app nodes.
* Utilized Modernizer extensively to build HTML5/CSS3 based page layouts that are cross-browser compatible and standards-compliant.

**Environment: React, Babel, Redux, Axios, Nodejs, Webpack, Pivotal cloud foundry, Jenkins, Docker, Mongoose, MongoDB, Chai, Mocha, aws , node js , spark , react js,Spring boot, Rabbit MQ, Hibernate, Apache kafka, AWS.**

**Client: Lumen Technologies, Remote. (Dec 2020–Feb 2022)**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Developed RESTFUL web services using Spring Boot and Apace CXF framework.
* Worked with JAVA8 features like Functional Interfaces, Stream API for Bulk Data Operations, TimeAPI, Transaction Management, Concurrency API, Collection API, Calendar API.
* Deployed our Application on Pivotal Cloud Foundry (PCF) which is used to reduce the development overhead by providing a ready to use platform.
* Experienced in writing live Real-time Processing and core jobs using Spark Streaming with Kafka as a data pipe-line system.
* Migrated an existing on-premises application to AWS. Used AWS services like EC2 and S3 for small data sets processing and storage, Experienced in Maintaining the Hadoop cluster on AWS EMR.
* Experience with all the GEMS and libraries for this version of the ruby on rails.
* Used props, states, keys, refs in React.js to build the UI components.
* Worked with Spring Boot for automatic configuration and starter for Maven configuration andperformed metrics and externalized configuration.
* Developed Chef Cookbooks, Recipes, Resources and Run lists, Managed Chef client nodes, and uploaded cookbooks to chef-server using Workstation
* Expertise in using React JS/Redux to build User Interface, strong knowledge of state store,middleware, action creator, reducer and container.
* Integrate Kotlin Koin dependency injection to inject dependencies into modules and sub-modules, provide a factory bean definition and resolve a component dependency
* imported data from AWS S3 into Spark RDD, Performed transformations and actions on RDD's
* Worked in Java, J2EE, XSL, XML, Oracle, DB2, Struts, spring, Hibernate, REST Web services, Model driven architecture and software configuration management tools
* Involved in file movements between HDFS and AWS S3 and extensively worked with S3 bucket in AWS
* Deployed, monitored, and maintained AmazonAWS cloud infrastructure consisting of multiple EC2 nodes and VMWare's as required in the environment.
* Written several Axios service calls like GET and POST to make REST service calls.
* Worked with Microservice architecture using Spring Boot to modularized code and implementedRest API’s using Spring Rest and integrated Swagger API for documentation.
* Developed user interface by using the React JS, Redux for SPA development and implementedclient-side Interface using React JS.
* Used React-router to route the pages on the client-side and built SPA.
* Worked in the design and development phases of the application using Ruby on Rails framework
* Deployed and Monitored Micro Services Using Spring Cloud Foundry Managed Domains and Routes with the Spring Cloud Service Registry.
* Involved in the creation of UI specification documents by interacting with business users and designdocumentation and data modelling for the entire project.
* Developed Application based on J2EE using Hibernate, Spring, JSF frameworks and SOAP/REST web services, Web Sphere Integration Developer (WID) Tool to develop WPS components.
* Experienced with AWS AZURE services to smoothly manage application in the cloud and creating or modifying the instances.
* Used the Spark DataStax Cassandra Connector to load data to and from Cassandra.
* Implemented Spring Netflix Zuul API gateway and Eureka service registry for reverse proxy andDynamic service discovery of API&#39;s.
* Worked with both Kotlin and Swift on their respective IDEs, Android Studios and Xcode respectively.
* Implemented Netflix OSS (Open Source Software) for Feasible changes after the deployment.
* Developed user interface by using the React JS, Flux/Redux for SPA development.
* Worked wif Chef for all the software configurations and written multiple complex Cookbooks and Recipes for pushing the configurations to various enterprise nodes
* Used Apache Kafka in cluster as messaging system between the APIs and microservices and workedon Splunk search processing language (SPL) queries, reports, dashboard and logging using Log4J.
* User Interface for website with ERB, JQuery, RJS, Ruby, Ajax for View, Controller, Model in Ruby on Rails Framework on Mac OS X Operating System.
* Created data pipeline for different events of ingestion, aggregation and load consumer response data in AWS S3 bucket into Hive external tables in HDFS location to serve as feed for tableaudashboards.
* Used React JS to create custom components for data manipulations and to display data in company standard format.
* Used Spark Streaming APIs to perform transformations and actions on the fly for building common learner data model which gets the data from Kafka in near real time and persist it to Cassandra.
* Implemented Spring Circuit breaker pattern, integrated Hystrix dashboard to monitorSpringmicroservices.
* Tested REACT code on client side with CHAI testing framework and MOCHA as test runner.
* Implemented NoSQL database like Cassandra to (store key values), for data analytics which is usedas a Database for this project.
* Written calls using FETCH API for fetching JSON data.
* Maintaining and troubleshooting Cassandra Clusters this includes monitoring and performing troubleshooting as per requirements
* Responsible for analysis, design, development and integration of UI components with backend using J2EE technologies such as Servlets, Java Beans and JSP
* Involved in Hadoop cluster task like Adding and Removing Nodes without any effect to running jobs and data.
* Introduced Kotlin coroutines in order to perform parallel processing on the Android side and utilizing Grand Central Dispatch for asynchronous tasks on the iOS.
* Implemented platform modules through spring Java micro and Node.js services by employingHapi.js, as well as front-end React JS.
* Worked on Docker hub, creating Docker images and handling multiple images primarily formiddleware installations and domain configurations.
* Involved in using ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Used EMR (Elastic Map Reducing) to perform bigdata operations in AWS.
* Used Kubernetes to create new cluster and container management tool.
* Implemented a metrics collection mechanism for the server by utilizing Apache Kafka to streamserver-side events.
* Used Kafka and Kafka brokers, initiated the spark context and processed live streaming information with RDD and Used Kafka to load data into HDFS and NoSQL databases.
* Implemented Virtual Dom for Client-Side view rendering services using React JS.
* Building cloud Microservices and implemented back-end using Spring Boot.
* Worked with Web pack for bundling application source code in convenient chunks and for loading that code from a server into a browser
* Used Continuous delivery / Continuous Integration (CD/CI) tools Docker and Jenkins to deploy thisapplication.
* Proficient in writing react code with help of ECMAScript (ES6).
* Used complete annotation driven approach to develop the application using Spring Boot and wasinvolved in setting up the Spring bean profiling.
* Project code build is done using MAVEN tool.
* Worked with modules like MongoDB and mongoose for database persistence using Node.js to interact with MongoDB.
* Utilized Swift 4-5 with Xcode 11 and Kotlin with Android Studio 3
* Adopted JMS API to setup mail notification upon the success or failure when the backend processesare completed and to send mail notifications regarding any system related problems.
* Imported data from AWS S3 and into Spark RDD and performed transformations and actions on RDD’s
* Skilled in leading frameworks as React.js to build high-quality, scalable and reusable components and Front-end solution.
* Part of team creating quality working J2EE code to design, schedule, and cost to implement use cases.
* Used Splunk to create charts for the log data and analyze log data to know customer expectations.
* Authenticating Users and to provide the security to RESTful web services using OAUTH2.0

**Environment: React JS, Redux, Hapi JS, Node JS, Web pack, ECMA6, Mocha and Chai, Spring Boot, Spring cloud like Ribbon, Hystrix, Netflix ZUUL, Micro services architecture, aws , node js , spark , react js**, **Docker, Jenkins, Cassandra DB, OAUTH, Apache Kafka, Splunk, PCF, Swagger, Webpack, JMS, Maven.**

**Client: Scale Factor (Sep 2018–Nov 2020)**

**Full Stack Developer**

**Responsibilities:**

* Used Spring Core for dependency injection/Inversion of control (IOC) and Hibernate Frameworkpersistence onto oracle database.
* Used Multithreading as a programming and an execution model that allows multiple threads toexist within the context of a single process.
* Used Hibernate mappings, relationships between tables and entity classes to access and updateinformation in the database.
* Hibernate Query Language (HQL) was used to perform various queries in the database.
* Worked with the Node package manager (NPM) along with Grunt and Bower for the build
* Designed, configured and deployed Amazon Web Services (AWS) for a multitude of applicationsutilizing the Amazon Web Services focusing on high-availability, fault tolerance and auto-scaling.
* Installed the application on AWS EC2 instances and configured the storage on S3 buckets.
* Worked on creation of custom Docker container images, tagging and pushing the images.
* Extensively used Mocha and Chai JavaScript unit testing tools for testing JavaScript pages.
* Experienced in working with Babel and Webpack in application build and deployment processes.
* Documented Spring RESTful APIs with Swagger to help customers better understand APIs.
* Used Apache Kafka (Message Queues) for reliable and asynchronous exchange of importantinformation between multiple business applications.
* Speed and performance increased by Angular which turns template into code that’s highlyoptimized for today’s JavaScript Machines
* Integrated Spring MVC with Hibernate for data access from Oracle Database
* Used Spring AOP for cross cutting concerns and Spring IOC for loosely coupled code.
* Integrated spring with Hibernate for data access from MySQL Database.
* Developed user interface with HTML5, CSS3, LESS, JSON, AJAX, Angular and on server-sideTechnology with Node JS.
* Decorating angular UI bootstrap to appear as look and feel creates different features.
* Implemented using Spring MVC components such as Dispatcher Servlets, Controllers, Model andView Objects, View Resolver.
* Developed Single page application using Angular.
* Defined new validations through Angular for the form fields implemented through HTML5.
* Worked on Angular directives, Controllers, Filters, Services, Templets, Events and Injectors.
* Implemented responsive web design using Bootstrap.
* Used Jenkins for continuous deployment and integration of the build and release process
* Extensively used GIT for version controlling and regularly pushed the code to GitHub.
* Involved in running Selenium automations scripts and updating the scripts according to enhancedrequirements using Selenium WebDriver.

**Environment: JAVA, J2EE, Spring, Angular, AWS, MYSWQL, webpack, Kafka, Docker, Jenkins, Hibernate, WebSphere, CSS, servlets, EJB, Web Logic, XML, JavaScript, Docker, Swagger, Hibernate.**

**Client:Impecsoft, India (Jan 2017–Aug 2018)**

**Role: Java Developer**

**Responsibilities:**

* Developed application on Spring framework by utilizing its features like **Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring AOP, Spring IOC, Spring Web flow** using **MVC**.
* Developed stored procedures, triggers in **MySQL** for lowering traffic between servers & clients.
* Used **Spring Transactions** in the application and developed Session beans for the business logic at the middle tier level.
* Performed a lot of **DOM** manipulations using native JS and **jQuery**for loading and manipulating dynamic content on webpages.
* Utilized Futures and **Spring** Framework to make Asynchronous calls to the application.
* Used **Spring Batch framework** to create custom readers and writers to work with the application. Used **Spring Batch framework** to update data in databases.
* Worked with **Spring Batch** to convert xml files to data base records.
* Designed new queries in app to enhance **MySQL** database performance.
* Implemented the **Spring IOC** for the core business application logic and used Hibernate as persistence framework.
* Developed Rest Web services using Spring MVC and migrated few services from servlets to **Spring MVC**.
* Used **Spring Gem Fire** Cache Transactions with Springs Declarative Transaction Management and their annotations.
* Created custom readers, processors, Validators, Field Extractors for various **Spring Batch** applications.
* Spring Security designed for authorization and authentication and manages the **CORS** and **CRSF** security issues.
* Implemented **Spring Batch** for processing large volumes of records, including logging/tracing, transaction management, job processing statistics, job restart, skip, and resource management in the application using **Quartzscheduler**.
* Designed the user interface screen and its functionality as per user requirements.
* Developed dynamic web pages using **HTML**, **CSS,Bootstrap**, **jQuery** and **AJAX** for building up a **Monolithic application.**
* Created responsive UI modules using **Backbone JS** with hard coded dependencyof **Underscore JS** in combination with **Handlebar JS** for templating.
* Used **Backbone JS** to utilize its minimal set of data-structuring (models and collections) and user interface (views and URLs) primitives for building a **MVC** work flow design.
* Used **jQuery** in developing the Rich Internet Applications **(RIA)** with AJAX mechanism and **JSON** as a data exchange tool.
* Responsible for using **Spring MVC** to develop **REST** web services within the application.
* Created Mock-up designs and developed various functionalities with JavaScript and **jQuery**.
* Used **Log4J** to capture the log that includes runtime exceptions.

**Environment: HTML, CSS, jQuery, Bootstrap, Less, CSS, Ajax, jQuery, JSON, Spring MVC, Spring Gem Fire, Spring Batch Framework, Spring Security, Drools Engine, MYSQL.**

**Client:Divum, India (Aug 2015 – Dec 2016)**

**Role: Java Developer**

**Responsibilities:**

* Developed application based on **Model View Controller** (MVC) architecture.
* Implemented forms and action classes for the application using **EJB** and **Struts Framework.**
* Developed **EJB** deployment descriptor using **XML** and used **JAXB** components for transferring the objects between the application and the database.
* Used **Log4J** to capture the log that includes runtime exceptions.
* Used **Multithreading** concept to post data from files to tables involving transformation of file from one format to another.
* Developed dynamic web pages using **JSP** and used **Struts Validation** framework to perform input validation.
* Configured **Struts-config.xml**, **Tiles-def.xml** and various properties files provided by Struts Framework for the implementation module.
* Developed and implemented the **MVC Architectural** pattern using **STRUTS 2.x** framework.
* Implemented POJO based action by **STRUTS** and also utilized various Tag Support given by the **STRUTS 2.x**.
* Functionalities like auto completion of forms and user validation are implemented using **jQuery.**
* Implemented **interceptor** which is invoke at preprocessing and post processing of a request in **STRUTS 2.x.**
* Implemented **OGNL (Object Graph Navigation Language) of STRUTS 2.x** to simplify the accessibility of data stored in the **ActionContext**.
* Build **PL\SQL functions**, **stored procedures, views** and configured **Oracle Database 10g** with **JDBC** data source with connection pooling enabled.
* Performance tuning of JVM heap size, **garbage collections**, java stack and Native thread & production performance.
* Used **Subversion (SVN**) for maintaining current and historical versions of source code, web pages and documentation.
* Used Clear **Case** for **source code maintenance**.
* Developed **Ant scripts** and developed builds using **Apache ANT.**

**Environment: Java/J2EE, EJB, Servlets, JSP, HTML, CSS, JavaScript, JBoss, Subversion (SVN), Oracle, SQL Developer, JDBC, Struts 2.0 framework.**