**Venkata Vybhav**

**Sr. Java Full Stack Developer**

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**SUMMARY:**

**Having 8 years of IT professional** experience in all phases of **software development life cycle (SDLC)** including requirement Analysis, Design, Development, Kanban, Debugging, Deployment, and Testing of various **Web-based** and **client/server N-tier** applications using **Java**, **J2EE Technologies by following Agile Software Development Methodology.**

* Experience in **Software Development Life Cycle (SDLC)**, **Rational Unified Process (RUP)**, AGILE methodologies, and **Enterprise Java Beans**.
* Hands-on experience as **Java Full Stack developer** in various technical and functional areas of **J2EE** Technologies like core java,**Multi-threading** (Executor framework), **Servlets2.1/1.2, DAO** layer, **REST API, SOAP**, **Spring core**, **Spring AOP**, **Vaadin Framework**, **Spring JDBC**, **Spring Security, JMS (Java Micro Services**), **Spring MVC** and **Hibernate (ORM)**
* Experience in**Responsive web design and Java API Development experience** for developing partner Homepages using **HTML5, CSS3, JavaScript, ReactJS, NodeJs, and JQuery**.
* Implemented an **express GraphQL library** to mount a **GraphQL API server** on the user-configured **HTTP endpoint.**
* Developed **RESTful API** services that work as a middleware between our application and third-party that will be used using **Golang.**
* Written **Cloud Formation Templates (CFT) in JSON** and **YAML** format to build the **AWS services** with the paradigm of infrastructure as a code.
* Experienced in building applications that works on mainly **Groovy grails**, **Html, CSS, Rest Services, Java Script, Maven, Hibernate.**
* Experience working with **GraphQL API’s** and new features using **React + GraphQL Stack** and Full Stack Modern Progressive Web Apps – **ReactJs, Redux, Graph QL.**
* Experience in building **isomorphic applications** using **React.js and Redux** with **GraphQL** on server side.
* Strong Knowledge of working with **GraphQL schema**, **queries**, and mutations to interact with **MongoDB** and several other **data layers.**
* Experienced developed in **Python** for instantiating **multi-threaded applications** and running with other applications.
* Design, build and manage the **EKS (Elasticsearch, Logstash and Kibana) cluster** for centralized logging and search functionalities for the operations.
* Hands-on experience as Java Full stack developer in **AWS Lambda services** and in some various models like **ECS, API Gateway, AWS CLI, Cloud Formation, Serverless Deployment, and Docker**.
* Experience in developing **OIM tools** in technical and functional departments. Responsible for **design, testing, coding, and documentation.**
* Experience in developing **User Interactive (UI)** Applications and professional web applications using **HTML 4.0/5, CSS3, JavaScript, AngularJS, jQuery, JSF, React JS, NodeJS, AJAX, JSON, XHTML,** and **XMLAngular 2+, Typescript, CSS/SASS, NodeJS, Jasmine, Protractor** and **Swagger**.
* Experience in Web Services using **SOAP**, **Restful**, **WSDL**, **HTML**, **XML**, **JAXB**, **XSD**, **SAX** and **DOM parsers** working Knowledge of other programming languages like **C**, and Markup Languages like **XML**, **HTML**
* Hands on experience on front-end technologies such as **HTML5, CSS, JavaScript, Struts tag libraries, AJAX, JSON, XML, XSLT, AngularJS, Angular6/7/11/14, jQuery, ReactJS and Bootstrap frameworks**
* Experience migrating monolithic applications to micro services architecture by following design patterns.
* Designed and development multiple **Java 8** Model 2 MVC-based Web Applications using Technologies and popular open-source frameworks**Struts Framework**, **Spring MVC**, **Spring5/4**, **ORM Hibernate** Framework.
* Experience working with **Oracle 8i/ 9i/ 10g/ 11g**, **SQL/ MYSQL server,** and **DB2** rational database management systems in building enterprise applications using **ANT** and **MAVEN** in using continuous integration tool Cruise Control Tool.
* Expertise in Distributed and Web environments, focused in **JAVA Technologies -Java collections, Threads, J2SE, JDBC, Struts, Spring, Spring Boot, and Hibernate Framework.**
* Designing and developing **Microservices** architecture applications and experience in handling messaging services using **Apache Kafka**
* Experience on DevOps tools, **CI/CD** and AWS Cloud Architecture in database modelling and development using **NoSQL** Database such as **Mongo DB** and **Cassandra.**
* Expertise in handling Cloud Computing System from Amazon Web Services and familiar with implementation of EC2 Instances and S3, especially systematic management and storage of data.
* Experience with amazon web services (AWS) and amazon cloud technologies such as Amazon EC2 (virtual servers) and Amazon Cloud Watch (monitoring).
* Have knowledge of**Kafka** messages and setting up the replication factors in **Kafka Cluster.**
* Involved in building and deploying Apache **Ant/ Maven/Gradle** scripts for deployment and customizing WAR/ JAR file management for web applications.
* Worked in **TDD** and version management tools **GitHub**, and **SVN.**
* Hands-on experience using **Selenium** and **Cucumber** for creating Automated Test Suites and deriving functional and acceptance tests.
* Hands-on experience on **CICD** pipelines with DEV ops technologies like **Jenkins, Sonar,**

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Programming Languages** | Java, JavaScript, Typescript, Python |
| **Software Methodologies** | Agile, Scrum, SDLC, TDD |
| **J2EETechnologies& frameworks** | JSP, JSTL, Servlets, JDBC, Java Beans, SOAP, WSDL, Axis, Java Security, JBPM |
| **Web service Frameworks** | Spring, Hibernate, JPA, Spring MVC, Spring WebFlow, JavaFX, Vaadin, Spring IOC, Spring AOP, AspectJ, Spring DAO, Spring Batch, Spring Integration, JSF, JUnit, SOAP UI, Spring JPA, Spring Web, Spring REST |
| **Web Services** | SOAP, RESTful, Oracle SOA, WSDL UDDI |
| **AWS** | EC2, RDS, S3, ELB, CloudWatch, Cloud Formation Template, RDS, VPC, Auto Scaling, IAM, Terraform |
| **Design Patterns** | Singleton, Factory,Business Delegate, Data Transfer Object, Façade, Data Access Object, MVC. |
| **Tools** | Dockers and GitHub, Jenkins, Maven, Gradle, Log4J, Apache Ant, Apache Maven, CFT |
| **Web & JavaScript Technologies** | JavaScript, HTML5/HTML, CSS3, SCSS, Angular6,7,8,11,14 Ajax, React JS, GraphQL, Groovy, Golang. |
| **IDEs** | Eclipse(Neon, Oxygen, Kepler, Luna, Indigo, Juno)), Net Beans, IntelliJ, Spring Tool Suite, RAD 9.0, JBPM 6 |
| **Application/Web Servers** | Web Logic Server 12c, Web Sphere Application Server 8.5, Apache Tomcat (8.5/8.0), Apache HTTP Server, IBM WebSphere(7.0,6.0). |
| **Databases** | Oracle(9i/10g/11g/12c), SQL Server (14.0), DB2, MySQL, Postgres SQL, Mongo DB, Cassandra |
| **Build Scripts** | Maven, Ant, and Jenkins |
| **Testing Tools** | JUnit, Log4J, Mock Framework, Cucumber, Selenium |
| **Version Control Tools** | CVS, SVN, GIT, CM SYNERGY, Bit Bucket, Git Bash |
| **Operating Systems** | Windows, Linux, Unix, Mac OS |

**PROFESSIONAL EXPERIENCE:**

**Capital One Plano, TX January 2022 – Present**

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

**Description***:* The financial industry is primed for innovation. We’re all in on artificial intelligence, machine learning and data analytics because with them we can revolutionize the financial industry and ultimately, change banking for good. Nimble enough to test breakthrough ideas and established enough to bring them to life, we’re not afraid to try new things to create empowering experiences for our customers. Our tech teams provide the capabilities, tools and infrastructure that fuel our products, setting our customers up for success, while contributing to Open-Source software and the tech community as a whole.

**Responsibilities:**

* Software Development Life Cycle (**SDLC**) which includes development, design, analysis, testing and Integration of various web based and client/server applications in multi-platform environments with **Java/J2EE** technologies.
* Implemented an express-**GraphQL library** to mount a **GraphQL API server** on the user-configured **HTTP** endpoint.
* Involved in**Responsive Web Design** for developing the partner Homepages using **HTML5, CSS3, JavaScript, ReactJS, NodeJs, and JQuery**.
* Involved in using **NoSQL (MongoDB**) data models document, key-value & wide column or **graph model.**
* Involved in building applications that works on mainly **Groovy grails**, **Html, CSS, Rest Services, Java Script, Maven, Hibernate.**
* Create and maintain highly scalable and fault tolerant multi-tier **AWS and Azure environments** spanning across multiple availability zones using **Terraform and CloudFormation.**
* Involved in develop and test environments of different applications by provisioning **Kubernetes clusters** on **AWS using Docker, Ansible, and Terraform**
* Involved in **terraform scripts** from scratch for building **Dev, Staging, Prod and DR environments.**
* Developed **RESTful API** services that work as a middleware between our application and third-party that will be used using **Golang.**
* Written **Cloud Formation Templates (CFT) in JSON** and **YAML** format to build the **AWS services** with the paradigm of infrastructure as a code.
* Experience in building **isomorphic applications** using **React.js and Redux** with **GraphQL** on server side.
* Strong Knowledge of working with **GraphQL schema**, **queries**, and mutations to interact with **MongoDB** and several other **data layers.**
* Involved in **CI/CD** process using **GIT, Jenkins** job creation, **Maven** build Creating**Docker image,** and deployment in **Kubernetes.**
* Involved in designing the user experience interface **UI/UX strategy,** UI requirements, converting findings into **UI** designs.
* Leveraged MVC design pattern to organize Angular controllers, Custom directives, factories and views.
* Worked on the **REST/Web API** to create the services and tested on postman and used in Angular $HTTP service calls and bind the data in the table using ng-repeat attributes.
* Involved in implementing **OAuth & OpenID Connect Solutions** using Authorize the users using **Ping Identity.** Worked on **Ping Identity** to allow users to perform single sign – on with other **third-party applications**.
* Experienced developed in **Python** for instantiating **multi-threaded applications** and running with other applications.
* Design, build and manage the **EKS(Elasticsearch, Logstash and Kibana) cluster** for centralized logging and search functionalities for the operations.
* Involved in **AWS Lambda services** and in various models like **ECS, API Gateway, AWS CLI, Cloud Formation, Serverless Deployment, and Docker**.
* Involved in developing **OIM tools** in technical and functional departments. Responsible for **design, testing, coding, and documentation.**
* Used NPM for installing required node modules and other published Angular NPM modules.
* Carried out the responsibility of delivering the tasks including database scripts, source code, and any other documents as and when required through **GitHub**.
* Involved in building **MVC** Frameworks and experience in **SOA** by creating web services with **Rest.**
* Used **REST API**, and **HTTP** requests and implemented **JSON** format for data exchange for communication of **Microservices** with one another.
* Expertise in **spring** framework extensively used **Spring 5.0, Spring Batch, Spring AOP, Spring JDBC templates, multi-threading,** and working with **SOAP** &**REST Web Services**.
* Implemented Swagger Configuration in **Spring MVC** for auto-generating swagger JSON files for **REST**API calls.
* Implemented the user interface using Java **8, JSP, AJAX, Angular7,9,11,14, HTML5, CSS** and **Bootstrap** deployed two new operating applications in **AWS** with team.
* Worked with **Docker** and **Kubernetes** on multiple cloud providers, from helping developers build and containerize their application **(CI/CD)** to deploying cloud. Used **Swagger** to interact with **API** end points of the **Microservices.**
* Extensively used **Hibernate** concepts such as inheritance, lazy loading, dirty checking, locking and transactions the search functionality for Internal Application using **AngularJS** and NodeJS.
* Used **microservice** architecture, with **Spring Boot**-based services interacting through a combination of **REST** and **Apache Kafka** endpoints.
* Implemented **CI/CD** pipeline as code using **Jenkins** and Developed build and deployment scripts using **MAVEN** as build tool, and integrated **selenium in Jenkins** to perform the **automated integration test**.
* Implemented **AWS** solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto-scaling groups and used **AWSSDK** to connect with Amazon SQS for bulk email processing.
* Implemented fail safe and circuit breaker patterns in **Spring Boot, Microservices** applications using HYSTRIX in self and peer-to-peer review, creating and updating technical and functional documents.
* Used **Grafana** as a monitoring tool for **Spring Boot** and **Adobe Analytics** for **ReactJS** unit Test the implemented changes as per test cases, debug the implemented code, integrate the changes in Testing Environment, fix reported bugs of already implemented changes.
* Worked on Job scheduling, batch-job scheduling and process control, forking and cloning of jobs and checking the status of the jobs using **Shell Scripting.**
* Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **NoSQL** databases like **MongoDB.**
* Involved extensively in Code Reviews, Unit testing and Process Improvements.

**Environment:** Java 8, J2EE, Servlets, JSP, JDBC, Spring5.0, Spring MVC, Hibernate, SOAP, AngularJS, Angular7, Microservices, Spring Boot, REST, REST API, Docker, AWS, Maven, HTML, CI/CD, Kafka, MongoDB, GraphQL, XML, PCF, Jenkins, SQL, PL/SQL, SQL Developer, Junit.

**Medica, Minneapolis, MN January 2021 – December 2021**

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

**Description:** Medica is a non-profit organization which provides health insurance in 8 states. It was started in 1975 by a group of doctors and in 1991 it was merged with another insurer and adopted new name medica. Today Medica serves more than 1.5 million people.

**Responsibilities:**

* Created various REST full Web services using Spring Boot for interfacing with the request Object.
* Integrated AWS Lambda, S3, CloudWatch, and API Gateway to create serverless Microservices.
* Implemented data access layer DAO using Hibernate, JDBC, Spring Hibernate template, and Spring JDBC template.
* Designed and implemented custom message adapter components using Apache Active MQ to facilitate message flow between Microservices, based on RESTful APIs implemented with Spring Boot and Spring MVC.
* Contributed to the development of a service-based architecture using open-source technologies like Hibernate ORM with JPA Annotations.
* Used Spring Boot with an embedded Tomcat Server.
* Built a real-time data streaming pipeline using Kafka.
* Designed the UI using JSP, HTML5, CSS3, Ajax toolkit, and JavaScript.
* Utilized React-Router to transform the application into a Single Page Application (SPA).
* Developed user interfaces using JSP, Spring Tag Libraries, and Ajax to simplify application complexities.
* Created buckets in AWS for file storage, enabling versioning and implementing security measures for stored files.
* Wrote SQL and PL/SQL queries to access, manipulate, and update the Oracle database.
* Implemented log4j for effective error and debug message logging.
* Launched and configured Amazon EC2 (AWS) Cloud Servers using Linux AMI and configured them for specific applications.
* Used Angular HTTP clients to make Ajax calls and load data into UI components such as tables, grids, and models.
* Utilized Apache Kafka for sending message objects to client queues and topics.
* Designed and implemented server-side RESTful web services using Node.js, handling communications with the client-side (React.js) using JSON.
* Developed a Single Page Application using Angular 6 for onboarding IPM modules to clients.
* Employed Maven as the build framework and Jenkins for continuous build integration.
* Consumed the developed Web services in Angular applications.
* Responsible for coding, testing, and documenting various packages, procedures, and functions, using JUnit for unit testing and Mock for mock-based testing.
* Wrote shell scripts and utilized UNIX commands for application deployment.
* Utilized SVN for version controlling.
* Deployed and administered microservices-based applications on Cloud infrastructure using Pivotal Cloud Foundry.
* Designed and developed client website screens and front-end widgets using React.js.
* Utilized JIRA for tracking backlog items, Epics, and tasks.
* Participated in various testing phases, including Unit Testing, System Integration Testing, Validation Testing, User Acceptance Testing, Parallel Testing, Performance Testing, and Regression Testing.

**Environment:** Core Java, Java1.7/1.8, J2EE, Spring Boot, Spring JPA, AWS, Spring JDBC, SOAP, Restful Web Services, Eclipse, STS, SVN/GIT (Version Controlling), CSS, Maven 3, Microsoft Teams, Amazon Web Services, jQuery, JDBC, AJAX, HTML/HTML5, JSP, JavaScript, ReactJS Apache Active MQ, Kafka, Angular JS, SQL Server, Hibernate.

**Northern Trust, Chicago, IL July2019 – December 2020**

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

**Description:**Northern Trust is a global financial firm provides investment management, wealth management services for institutions, individuals and families. The aim of the project was to create an external-faced trading application for asset management for internal as well as external clients, developed by React JS and JavaScript application.

**Responsibilities:**

* Involved in the development using **Agile Development** process to gather and analyze the requirements of the Application.
* Created test suites for each service using Azure end points in Ready API to test the services created in Azure APIM.
* Used **Hibernate Framework** for mapping entities to database tables.
* Involved in building application that works on mainly **Groovy grails**, **Html, CSS, Rest Services, Java Script, Maven, Hibernate.**
* Worked closely with the Microsoft team to implement Azure DevOps solutions for service migration.
* Extensive experience with core java technologies in Multi-Threading, Synchronization and Exception Handling to gather various servers in parallel.
* Written **Cloud Formation Templates (CFT) in JSON** and **YAML** format to build the **AWS services** with the paradigm of infrastructure as a code.
* Developed **Spring Bean Classes** (Service Classes) for implementing Business logic and configured beans to manage bean lifecycle using annotations and xml-based configuration.
* Implemented the application using **Spring Boot** and handled the authorization, authentication features by using **Spring Security.**
* Used **Spring MVC** module to write REST controllers, map URL's for the request and present with different views for different use cases.
* Used **SpringFramework AOP Module** to implement the logging in the application to know the application status.
* Used **Spring MVC** module to develop MVC Architecture. Integrated the application with **Spring-MVC** using **Spring Boot, Spring Dependency Injection (DI),** and **Spring Annotations.**
* Implemented the persistence layer using **Hibernate-ORM** worked on **Spring Web Flow** on **Spring MVC** for building flows in our web application.
* Microservices have been built using **Spring boot, Spring security** and deployed to AWS cloud.
* Used **Jersey** to implement **Restful Web Service** and used JSON form to transfer the data.
* Used **SOAP** based Web services and **RESTful Web services** for transferring data between applications.
* Designing and developing the **RESTFUL** web services using the **JAX-RS API** to communicate over the network.
* Developed **Restful Web services** for other systems to interact with our system and secured the service with Spring Security.
* Implemented various Java design patterns and optimized application software using efficient data structures.
* Designed web pages using HTML5, CSS3, JavaScript, React.js, Redux, React-Bootstrap, Node.js, express.js, and Mongo DB.
* Implemented Micro services-based cloud architecture utilizing Spring Boot.
* Utilized the Spring Data Framework to leverage the features of Spring JDBC and Spring ORM classes, such as JDBC Template and Hibernate Template, for efficient database operations.
* Implemented Spring MVC Transaction Management, Spring/Hibernate Batch Transactions, and incorporated Hibernate cache concepts.
* Employed log4j and JUnit for application code testing, logging, debugging, and overall testing purposes.
* Designed and developed the presentation/UI layer using HTML5, CSS3, and JavaScript, along with AngularJS.
* Used AngularJS to create views, connecting models to the DOM, and synchronizing data with the server as a Single Page Application (SPA).
* Played a pivotal role in the design, development, and testing of web applications using HTML5, CSS3, Bootstrap, and ReactJS.
* Built real-time data streaming pipelines using Kafka and Spark Streaming and utilized Eclipse and STS environment for Java-based application development.
* Practiced Agile (Scrum) methodologies, participating in sprint planning, daily stand-up meetings, and sprint retrospective meetings to deliver high-quality solutions within deadlines.
* Worked in an Agile Scrum environment and employed a Kanban board to track progress.
* Utilized Kafka for implementing Publish/Subscribe patterns in applications involving messaging.
* Worked on Maven as a build tool and wrote the dependencies for the jars that need to be migrated.
* Used Windows Azure to host the share platform applications in the cloud.
* Implemented **Restful** Web Services to retrieve data from client side using **Micro Services architecture.**
* Using **Spring Boot** for developing microservices, Soap to retrieve data from client-side using Microservice architecture.
* Performed **CRUD** operations like Update, Insert, and Delete the data in **NoSQL database MongoDB**.
* Involved in writing java API for Amazon Lambda to manage some of the AWS services. Used **AWS S3** to store the data and to retrieve the stored date very quickly and **Elastic Search** for searching the document.
* Used **AWS SNS** to send messages to multiple users and delivered in an algorithmic way using **AWS SQS.**
* Worked on **AWS Elastic load balancing** for deploying applications in high availability.
* Created **EC2** instances and used the public domain to link with Jenkins for integration.
* Involved in **CI/CD** process using **GIT, Jenkins** job creation, Maven build Create **Docker image** and deployment in **AWS environment.**

**Environment:** Java, Core Java, Spring boot, Spring Security, AWS, EC2, JUnit, Azure API Management, Agile, Spring, JavaScript, Webservices, Oracle, Maven, JMS, Jenkins, GIT, Log4j, RESTful.

**Mayo Clinic, Rochester, MN February 2018 –June 2019**

**Role: Java Full Stack Developer**

**Description:**The aim of the project was to develop an open source Master Patient Index which is a system that allows health care organizations that need to exchange data to uniquely identify to which patient the data belongs to despite variations in the attributes that describe the patient.

**Responsibilities:**

* Involved in analysis, specification, **designimplementation**, and testing phases of **Software Development Life Cycle (SDLC)** for developing applications.
* Developed/Implemented code on new requirements as a developer using Spring **MVC and Hibernate by using Safe Agile Methodology** where there is a daily SCRUM meeting to understand the status and resolve any issues.
* Developed the **GUI Web Interface** using **Angular 8**, **Typescript**, **RXJs, Node, Bootstrap 4**, **jQuery, and HTML 5.**
* Involved in building application that works on mainly **Groovy grails**, **Html, CSS, Rest Services, Java Script, Maven, Hibernate.**
* Develop the reusable components, pipes, services, and different feature modules, routes using **Angular 8**.
* Written **Cloud Formation Templates (CFT) in JSON** and **YAML** format to build the **AWS services** with the paradigm of infrastructure as a code.
* Developed **Use Case Diagrams, Object Mapping Diagrams**&**Class Diagrams in UML**.
* Transforming complex business requirements from the customer into development plan by using objects like Stored Procedures, Functions, and triggers to support **Agile development.**
* Designed and developed the End Points (Controllers), Business Layer, DAO Layer **using Hibernate/JDBC** template, using Spring IOC (Dependency Injection).
* Used **Java-J2EE patterns** like **Model View Controller (MVC), Business Delegate, Data Transfer Objects, Data Access Objects, and factory patterns**.
* Used Spring Framework AOP Module to implement logging in the application to know the application status.
* Implemented the application using **Spring IOC, Spring MVC Framework**, **Spring Batch**, and **Spring Boot** and handled the security using **Spring Security.**
* Developed **REST Microservices** and service endpoints using **Spring boot**.
* Used **Map Struct** for java object mappings between **JPA** Entities and **DTO** for the **Spring REST API**.
* Integrated **Swagger UI** and wrote integration test along with **REST** document.
* Used **Rest API client POSTMAN** for testing web services **request and response.**
* Consumed the developed Web services in Angular application.
* Used **Maven** as a building tool, and Splunk for centralized logging. **Used Jenkins for Microservices deployment.**

**Environment:**

J2EE, JSP, JavaScript, JDK 1.6, UML, Eclipse, Oracle, Amazon API Gateway, AWS Lambda, S3 Bucket, AWS IAM, Angular 6, WebSphere, SOAP, SOA, Spring 3.0, Spring Boot, Spring MVC, Hibernate, Map Struct, RESTful, Postman, XML, CSS, HTML, JMockit, Junit 4.4, SVN, Log4j, Oracle10g, Jenkins, Ant 1.8, Maven, Swagger, Splunk, WinSCP.

**RBFCU, San Antonio, TX March 2017 – January 2018**

**Role: Java Full Stack Developer**

**Description:**Randolph-Brooks Federal Credit Union (RBFCU) is a financial banking partner in Texas with offering all the member banking services as a leading Credit union. The Projects are to provide services for new members and maintaining existing members. Goal is to build single application interface serving different channels, ultimately allowing potential members to enroll online directly(web/mobile).

**Responsibilities**

* Led major projects on both **client side** and server side and exchanged knowledge within the team members.
* Analyzed application requirements and problems on the **client side** and worked in **Angular 8** and **Bootstrap** using **JavaScript,TypeScript, HTML** and **CSS** respectively.
* Planned solutions and developed **web applications** along with team members through hands-on coding and solved relevant **problems** and **errors.**
* Involved in building applications that works on mainly **Groovy grails**, **Html, CSS, Rest Services, Java Script, Maven, Hibernate.**
* Participated in meetings and shared ideas on upgrading and updating projects through advancing technologies.
* Written **Cloud Formation Templates (CFT) in JSON** and **YAML** format to build the **AWS services** with the paradigm of infrastructure as a code.
* Practiced **Java-8 features** such as **Lambda Expressions** and **Functional Interfaces** to make work more efficient and faster.
* Developed and tested multiple web applications using **Rest API** and annotations by combining **Spring framework, Postman and MySQL database**.
* Performed debugging, worked on **multithreading**, handled various exceptions and security issues in the process of development and deployment.
* Worked in tasks related to **Object-Oriented Programming** and **Object-Relational Mapping** by implementation of **MVC** and **architecture**.
* Worked for load balancing and parallelism in messaging systems between consumer instances and producers in the **Kafka cluster** by using **Kafka**.
* Committed the source code in **GitHub** and passed through **Jenkins** to check validity of code for deployment.
* Searched errors and bugs in architecture of **CI-CD** and used **Docker** commands to develop necessary **Dockerfiles**.
* **Built Docker** images and **Docker containers** for configuration and verification of applications in accordance with **Jenkins Scripts.**
* Carried out testing of codes and applications and understood the path and behavior of components in the system.
* Managed lifecycle of applications and documented possible problems and solutions for future references.
* Designed and implemented features of various code within team members for validation of programs using **SonarQube**.

**Environment:**

HTML, CSS, Bootstrap, JavaScript ES, Typescript 3.0, Angular 7 and 8, Java 8, JPA Hibernate 5, Spring (Data JPA, Boot, Security, AOP, Core), Maven, REST API/Web Services, Micro Services, Messaging Services, Kafka, GitHub, Jenkins, Dockers, Docker Hub, SonarQube, Jira, Eclipse 3.6, IntelliJ.

***Billion Apps* Hyderabad June 2015 – February 2017**

**Role: Java Developer**

**Description:**Billion Apps rapidly growing software company with a team of experienced intellectuals working in various technologies. It is a leader in software Development and empower IT individuals with competitive advantage. It is a rapidly growing software company with a team of experienced intellectuals working in various technologies. It deals with Product and Service based applications in all major areas. Our IT Consulting as well as Custom Application Development, Web Development and E-commerce all of which help our customers with their diverse yet demanding needs.

**Responsibilities:**

* Designed and developed the application using **Waterfall Methodology** and followed **Scrum.**
* Designed and developed the project using **MVC design pattern**.
* Planned and Designed request and response schemas on the **client side** and **server side**.
* **Developed architecture** and programs for efficient service on client side and hand in practice on **JavaScript, XML, XSL and JSP.**
* Developed web-based applications using Java/J2EE, Servlets, Struts, Spring IOC, Spring MVC, Spring AOP,Spring Security, Spring Boot, Spring Web Flow, Spring Data, JDBC, Web Services (SOAP & Restful services) and ORM frameworks like Hibernate.
* Attended daily Scrum meetings and kept up to date on best practices for JavaScript frameworks and techniques.
* React.js for creating interactive UI using One-way data flow, Virtual DOM, JSX, and React Native concepts.
* Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Developed various screens for the front end using React JS and used various predefined components from NPM
* and Redux library. Also used Redux to manage the application state and apply middleware such as Redux-promise and redux-saga.
* Consulted with the operations team on deploying, migrating data, monitoring, analyzing, and tuning MongoDBapplications.
* Developed single-page web applications and provided synchronization to various parts of web apps usingJavaScriptlibrary
* Designed various modules using technologies like CSS Media Queries, HTML5, AJAX, JSON, and JavaScript.
* Created documentation for all the components which is included in the React-Bootstrap page.
* Written maps reduce programs to load data into the MongoDB environment.
* Worked on application development for server side using **Servlets, JSP, JDBC, WSDL, Java, SOAP Web services, ANT and AJAX.**
* Expertise in **frameworks** and tools such as Struts, **Eclipse, JMS, Jersey and JBOSS** to build modules.
* Practiced **SOAP Web services, IBM WebSphere, Apache CXF, BEA WebLogic** and **JMS** to develop asynchronous communication applications.
* Involved in building web applications for routing, firewall, callback security and session service using **SOAP, XML and WSDL.**
* Helpful colleagues and comfortable environment, thus learnt quickly and involved as team player for major projects.
* Involved in bug and error fixing and exception handling and documented solutions to problems for future reference.

**Environment:**

Java, Spring Data JPA, Servlets, JSP, JDBC, Spring Boot, Spring AOP, Spring Core, Maven, REST API/Web Services, Messaging Services, Kafka, GitHub, SonarQube, Jira, Eclipse