**Shivani Gumpula**

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**PROFESSIONAL SUMMARY:**

* 7+ years of experience in **JAVA/J2EE** projects in software analysis, design, implementation and development.
* Experience in Web Application Design, Development, Programming, Testing, Support Maintenance, and End-User support using **java/J2EE** technologies with **Web Sphere** and **Web Logic** application servers.
* Experience in all phases of **Software Development Life Cycle (SDLC)**, which includes **User Interaction, Business** **Analysis/Modeling, Design/Architecture, Development, Implementation, Integration, Documentation, Testing, and Deployment**. Highly knowledgeable **in UML, Use Cases, Conceptual Models, Collaboration Diagrams, Class Diagrams, Activity and Sequence Diagrams.**
* 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 (Java API for XML Registries)** using frameworks like **Apache CXF, Jersey, Apache Axis.**
* Strong experience in Design and development of multi-tier web-based applications using J2EE technologies **JAVA**, **Servlets**, **JSP** and **JDBC**.
* Extensive experience in Object Oriented Analysis in developing **server side and front-end framework** using J2EE design patterns. Strong hands-on experience with **AngularJS**, **ReactJS** and **NodeJS**.
* Experience in developing enterprise applications using **Object oriented methodologies, SOA, EDA, enterprise technologies, frameworks and design patterns**.
* Excellent experience with Relational databases like **MySQL**, **SQL Server**, **DB2** and **No SQL** databases like **MongoDB**, **CouchDB,** **Cassandra, PostgreSQL, DB2.**
* Implemented various J2EE design patterns like **Service Locator, Session Façade, Data Access Objects (DAO), Factory, Singleton, Data Transfer Object (DTO), Service Oriented Architecture (SOA)** and Business Delegate in the development of Multi-Tier distributed Applications.
* Experience in building enterprise Applications and Distributed Systems using technologies such as **Core Java**, **J2EE** (**Servlets**, **JSP**, **JSF**, **EJB**, **Hibernate**, **Spring**, **Struts**, **JDBC**).
* Created forms and web pages using **HTML5**, **CSS3** and **Bootstrap**.
* Experience in using Version Control Systems like **CVS**, **SVN**, and **GIT**.
* Worked with servers **IBM web sphere**, **web logic**, **JBoss** and Apache's **Tomcat**.
* Good at designing **Design Documents, Unit Test Case, Integration Test Case, Integration Test Plan** documents and estimating the assigning tasks.
* Good experience in unit testing with **Karma**, **Jasmine** and **JUnit**.
* Hands-on experience with **IBM MQ** Series and **JMS** communications between middleware components.
* Experience in setting up **CI/CD** pipelines using **Jenkins**, **Bamboo** and **GOCD**.
* Highly organized with the ability to prioritize workload, manage multiple projects and meet project deadlines by following project standards and procedures as per client specifications.
* Good interpersonal skills, excellent verbal, written and presentation skills and can work both independently and in a team.

**Technical Skills:**

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| **Languages** | **Java, SQL, PL/SQL, Python, Test Driven Development (TDD)** |
| **J2EE Technologies** | **Servlets, Spring 3.x/4.x/5.x, Spring Boot 2.x, JSP, JDBC, JPA, JSTL, JNDI.** |
| **Web Technologies** | **HTML, CSS, XSLT, XML, jQuery, JavaScript, Angular JS, Angular, Node JS, Radiant, Logic Virtual Directory.** |
| **App/Web Servers** | **IBM WebSphere Application Server, JBoss, JBoss, WebSphere, Tomcat, Web Logic (12c, 11g, 10g, 9i).** |
| **Frameworks** | **Struts, Spring MVC, Microservices – MVC, JSP, JPA, JSF** |
| **SOA** | **REST, SOAP, WSDL, SAAJ, SAXJ, RESTful, AWS, Microservices, JAXB, Apache-CXF** |
| **ORM Tool** | **Hibernate, JPA, IBatis, MyBatis** |
| **Tools** | **LoadRunner, Log4J, Ant, BIRT, Jenkins, Kafka, Rabbit MQ, TOAD, PL/SQL Developer** |
| **IDEs** | **Eclipse, Net Beans** |
| **Databases** | **Oracle 10g, 9i, 8i, AWS, SQL Server, Couchbase, Mango DB, Cassandra DB, DB2, PostgreSQL** |
| **Cloud Technologies** | **AWS (Elastic Search, EC2, S3, EMI, ELB, Dynamo DB), Docker, Azure, PCF** |
| **Version Control** | **SVN, ClearCase, GIT** |

**EDUCATION:**

* Bachelors: BVRIT College of Engineering for Women, JNTU University, Information Technology, Hyderabad India
* Masters: Pace University, New York, NY, Computer Science USA

**PROFESSIONAL EXPERIENCE**

**Client: Wells Fargo, San Francisco CA Aug’19- Present**

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

**Description:** Worked on application named Access portal. It is a part of online banking that allows B2B customer to view quick summary of transactions, Value Added Service, Customer Service, Banking Solution etc. for its business clients. business-focused organization Group, which works in servers, storage, networking, consulting and support; Services; Software; and Financial Services

**Responsibilities:**

* Analysis, Design, Coding and testing components in the application according to the specifications provided by the product owner.
* Followed SAFE Agile principles and methodologies to achieve quality product by interacting with different teams to develop a web application
* Implemented Single Page Application [SPA] functionalities using Angular Routing and also used Angular Lazy Loading, to increase the performance of the application.
* Used Java 8 features such as Lambda Expressions to make the code concise and Stream API to increase the performance and manage some of the AWS Services.
* Used J2EE design patterns like Front Controller, MVC, Business Delegate and Session Facade. Developed User Interface and web page screens for various modules using JSF, JavaScript, and AJAX using RAD.
* Pooling up most apposite design pattern for SOA and implementing interface to reduce code reuse. Understanding the Business Process and developing logic and software stack based on business flow.
* Developed user interface using JSP with JavaBeans, JSTL and Custom Tag Libraries, JS, CSS, JQuery, Node.js, Angular Js, and HTML to speed the application.
* Core Java development and Support of Java/J2EE applications with emphasis on OOP-based web forms, business logic, database access components.
* Deployed and managed services on amazon cloud, used AWS console and participated in DB replications on AWS.
* Developed the application using Java 8 and implemented its features like Lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, for each.
* Design, implement and test services in a Microservice-oriented architecture and has Implemented the REST based Microservices using the Spring Boot.
* Produced client side validation through JavaScript and Ajax for asynchronous communication.
* Redesigned and re-implemented services using NGINX, Node JS, Express JS, Mongo DB, and MySQL.
* Developed backend services to fetch the stores related data from Oracle 12c using JDBC templates.
* Migrated java applications from mainframes to java 8 using Spring MVC, JSP, CSS, hibernate, JavaScript, jQuery.
* Implemented Angular 7 component router for navigation and the services to connect the web application to back-end APIs.
* Used databases like Oracle 11g/ 12c, SQL Server, and NoSQL database like Mongo DB, PostgreSQL DB as distributed database.
* Implemented JMS for sending the messages to RabbitMQ queues and supporting, troubleshooting RabbitMQ related issues and used RabbitMQ to communicate with controller and for business logic.
* Used object relational mapping (ORM) using Spring with Hibernate and IBATIS.
* Deployed the Spring Batch application on Pivotal Cloud Foundry (PCF) instance and bind the services like Java and PostgreSQL services.
* Used Spring Boot for developing Microservices, and API’s to communicate Oracle DB for handling real time feeds.
* Used Rest Controller in Spring framework to create RESTful Web services and JSON objects for communication.
* Build REST web service by building Node.js Server in the back-end to handle requests sent from the front-end jQuery Ajax calls.
* Development of messaging applications using Java Messaging Service (JMS), Advanced Message Queuing Protocol (AMQP) Spring JMS, MQ Series and RabbitMQ.
* Developing SOAP based web services with JAX-WS, JAX B, Apache Axis technologies.
* Deployed Microservices, Docker container using Amazon EC2 container services and using AWS admin console.
* Supported applications during regression testing for immediate bug fixes, developed JUnit test cases for improved performance and logging through Log4J.
* Experience in implementing the security on Micro Services using Spring Boot Auth server which generated JWT tokens as Oauth 2 mechanism.
* Developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
* Migrate Oracle 11g database to PostGreSQL database using ESF Database migration toolkit.
* Used Amazon Cloud Watch to monitor AWS services and Amazon Cloud Watch logs to monitor application.
* Used Node-JS Mongoose module to create ORM mappings for database interactions.
* Maintained Interface compatibility and concurrency in the project using Java 8 new features like default, static methods and Concurrency API.
* Project Setup using my Eclipse, IntelliJ and servers like tomcat, JBoss.
* Integrated Mongo DB and Spring communication and established data mapping.
* Actively involved in code reviews, retrospective meetings, sprint planning sessions
* Setting up AWS Oracle RDS databases for new project, use data pump to migrate data to Relational Database Services (RDS).
* Managing the Openshift cluster that includes scaling up and down the AWS app nodes.
* Deployed the Spring Batch application on Pivotal Cloud Foundry (PCF) instance and bind the services like Java and PostgreSQL services.
* User Management - creating users, assigning roles, managing permissions for SQL Server, Mongo DB database server.
* Worked on developing CRUD applications using MEAN stack (MongoDB, Express, Angular and NodeJS) and REST API.
* Performed code migrations and production deployments by creating a story card in JIRA and tested the application post deployment along with 24\*7 application support.
* Developed REST services using JSON for storing and exchanging information between browsers and servers.
* Developed user interface using Angular services method is used to pull JSON data which is exposed through REST services.
* Design and implement disaster recovery for the PostgreSQL Database.
* Deployed PCF on AWS EC2 to manage the containers created by PCF.
* Build API as a Microservice using spring boot and deployed on a cloud-based CI/CD pipeline in an agile environment.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Implemented IBM MQ API to put get the messages from Message Queue.
* Patch, Upgrade and keep the PostgreSQL DBs current. Review all PostgreSQL logs for problems.
* Used Amazon Web Services (AWS) like EC2, S3, cloud watch and Elastic Bean Stalk for code deployment.
* Involved in CI/CD process using GIT, Jenkins, Maven build Create Docker image and deployment
* Good knowledge on using Splunk to identify the failures, errors in the applications.
* Developed test cases and unit test using Junit5 Framework. Extensively worked in Test Driven Development (TDD).
* Used Microservices to communicate using synchronous protocols HTTP and REST for implementing SOAP.
* Deployed the Services onto the OpenShift to run docker containers, via Kubernetes on cloud infrastructure.
* Used spring security to implement LDAP authorizations and database authentications.
* Developed the code environment using IDE as Eclipse and deployed into Tomcat Server Developed ANT build to achieve more functionality for build process
* Integrated Automation scripts (Selenium Web Driver API) on Continuous Integration tools Jenkins for nightly batch run of the Script.

**Environment**: Java 8, JIRA, Angular 6/7, Node JS, Tomcat, Jenkins, REST, Openshift, JMS, Rabbit MQ, AWS, Oauth 2, spring MVC, LDAP, HTML, CSS, JSP, Oracle 12c/11g, Agile, Junit, JQuery, Log4j, MVC, JMS, Web services, AWS, Docker, CI/CD, Selenium, Hibernate, Microservices, PLSQL, SQL, Mongo DB, PostgreSQL, Junit, Jenkins, Eclipse, JIRA, Spring Security, XML, Ajax, gitlab.

**Client: Mckesson Corporation, Irving TX March’18 – Jul’19**

**Role: Sr. Java/ J2EE Developer**

**Description:** The Project involves development, enhancement and support of Web based user interface for Complaints and Appeals Tracking System (CATS) for the Client. The system is based on MVC architecture. This system has a capability to record and be a central repository of all Complaints, Grievances and Appeals which come to the Client, hence enabling users to produce correct and timely reports, which in turn minimizes litigation and regulatory risks for its customers.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development and testing.
* Developed various Servlets and Java Interfaces as part of the integration and process flow required for the system.
* Created a loosely coupled component model to give the better flexibility to handle frequent business changes.
* Wrote complex SQL queries, DML scripts, stored procedures, triggers and PL/SQL packages to interact with SQL Server database.
* Implementing Service oriented architecture (SOA) and OOP concepts using Web Services.
* Used new Java 8 features, such as Lambda expressions, Streams and Functional Interfaces.
* Followed TDD Test Driven Development and developed test cases by using JUnit for unit testing for each and every module developed.
* Designed and developed web-based software using Spring MVC Framework and Spring Web Flow.
* Designing and implementing scalable, RESTful and Microservices-based backend. The backend is being written in Java using Spring Boot for simplicity and scalability.
* Implemented load-balancing with NGINX to allow dozens of Node JS instances to handle thousands of concurrent users.
* Used Bootstrap and AngularJS, React.js and Node.js in effective web design.
* Used AngularJS as the development framework to build a single-page application and reusable AngularJs services and components.
* Effective use of Hibernate (ORM tool) in the business layer to create DAOs.
* Involved in the development of Microservices for all the models using combination of Spring Boot and Spring Security.
* Used a full complement of Angular, Node. JS, and Mongo DB to store and present assessments.
* Developed stored procedures, triggers and functions with PL/SQL for Oracle database 11g.
* Used JNDI for connection pooling and LDAP for Authentication and authorizations
* Used java 8 features like stream, lambda expressions, Local Date objects etc.
* Designed the UML, created class, sequential diagrams using Borland Together Architecture, modified code, configured WebLogic server and project in Oracle 11g.
* Developed adapters to retrieve data from cloud application using Web Services, SOAP & Rest and security protocols WS Security, OAuth 2.0.
* Implemented Message Oriented Middleware using JMS and Apache Kafka.
* Used SOAP based web services to develop interfaces to integrate between front end systems and back-end systems.
* Worked in Stream of API for Bulk Data Operations on Collections and API improvements in Java 8.
* Developed Apache Camel endpoints and used producer template to route messages to JMS queues.
* Worked on extracting event data from front end using Kafka REST proxy. Used Kafka frameworks for messaging and queuing.
* Implemented automated local user provisioning instances created in AWS cloud and google cloud and developed React JS pages, Web services calls and AJAX calls for the application.
* Used Eclipse, IntelliJ as an IDE for development of the application.
* Worked on Devops pipelines using OpenShift and Kubernetes for the Microservices Architecture
* Configuring Sharding, monitoring, and identify the proper shard key Selection, inserting large amounts of data Performing Security measures, backups and restore backups for Mongo DB.
* Fetching the records for SOAP and Restful requests from Oracle 11g DB using SOLR search.
* Used React JS for templating for faster compilation and developing reusable components.
* Build Restful API web services using Node JS and used a full complement of Angular JS, Node. js, and Mongo DB to store and present assessments.
* Developed Apache Camel routes and defined JMS endpoints for message processing and routing.
* Implemented asynchronous messaging service using Kafka in Microservices-based application
* Designing, creating, Running and monitoring spark job on Cassandra cluster for validation, loading from Oracle RDBMS.
* Expertise in using NoSQL databases like Mongo DB, Apache Cassandra 2.0.12 as a distributed database management system.
* Used object storage container to store the secured files and retrieved from API by using Amazon web services (AWS).
* Analyzed the Node.JS server structure in legacy project, then mimicked the REST service by using java JAX-WS API and did the corresponding configurations.
* Independently integrate multiple APIs and new features using React + GraphQL stack. Implemented the Drag and Drop functionality using React-Draggable.
* Used Java Lambda expressions along with Streams for creating internal iteration and performing chain operations such as Filter, Map, Collect on a collection Objects.
* Designing and developing a data migration strategy and source to target mapping to migrate the data out of the legacy systems into the Cassandra customer DB.
* Deployed Spring boot based Microservices, Docker container using Amazon EC2 container services and using AWS admin console.
* Optimized Microservices using NodeJS and ES6 as interfaces to Cassandra NoSQL database
* Used Hibernate as persistence Layer - using the SQL Server Database and configuration data to provide persistence services (and persistent objects) to the application.
* Created Hibernate mapping files, sessions, transactions, Query & Criteria to fetch the data from the database.
* Developed asynchronous service call in Angular 4 with Type Script and transacted data in JSON format between back-end and front-end applications.
* Developed various screens for the front end using ReactJS and used various predefined components from NPM (Node Package Manager).
* Worked with NoSQL Cassandra to store, retrieve, and update and manage all the details for Ethernet provisioning and customer order tracking.
* Worked with NoSQL database MongoDB and created pipeline from MongoDB Cluster.
* Added dynamic functionality to the application by implementing JQuery, Node JS.
* Built an Application and deployed Microservices in the AWS Cloud using Docker containers.
* Developed RESTful web services for customers' info retrieval.
* Participated in developing view pages using HTML5, CSS3, JavaScript, JSP.
* Used React JS for templating for faster compilation and developing reusable components.
* Used Log4J components for logging. Perform daily monitoring of log files and resolve issues.
* Involved in installing and configuring Eclipse IDE, Ant, WebLogic and Maven for development.
* Actively involved in getting the QA, UAT and production issues resolved.
* Installed and configured Docker for creating virtual environments. Applied the company build pipeline using Jenkins, AWS and Docker.
* Conceptualized the design of custom Ubuntu Server installation method and Linux server architecture.
* Involved in working on Cassandra database to analyze how the data get stored.
* Launched Amazon EC2 Cloud Instances using AWS and configured the launched instances with respect to specific applications.
* Responsible for writing Unit Test Cases using Junit5. Responsible for Load Testing using Apache JMeter.
* Utilized Kubernetes for the runtime environment of the CI/CD system to build, test deploy.
* Worked with IDE as Eclipse and deployed into Apache Tomcat Server and WebSphere Application Server
* Branching and forking in GitHub was used for versioning of the application.
* Worked on Maven Scripts to deploy application code into Tomcat servers.
* Configured VPN'S for the communication between the servers of AWS side and client side

**Environment:** Java 8, J2EE, Java Script, HTML5, CSS, Angular 2/4/5, Node JS, Servlets, JSP, MVC, RESTful web services, Junit, Maven, Log4J, Ant, WebLogic, Docker, Cassandra, JQuery, Apache Camel, Microservices, Tomcat, Kafka, JMS, Oracle 11g, Mongo DB, SQL, PLSQL, Servlets, Hibernate, Kafka, SQL, Kubernetes, Amazon EC2, Kubernetes, Eclipse IDE, Tomcat, Junit, TDD.

**Client: Lab Corp International, Burlington NC Sep’16 - Feb‘18**

**Role: Java Developer**

**Description:** Supporting critical applications, reports, and data used by primary Labs as well as many other groups across the corporation. Support Commercial application systems used by Clinical Schedulers, Confirmation, Contracts, Pricing, Compliance, Credit, Accounting and levels of Management to manage the business.

**Responsibilities:**

* Agile Development process was used for the product life cycle management.
* Designed and Developed complex UI screens using AJAX, JQuery, JQuery-EasyUI, JSP, CSS, HTML and JavaScript and Apache Struts technologies.
* Designed, developed and test HTML, CSS, ES6, jQuery and React JS, that meets accessibility of web browser.
* Implemented Single Page Design and customized directive and filter criteria by using AngularJS
* Used Angular JS- ng-grid, ng-repeat, ng-idle, ng-upload, to show Tabular data.
* Supported legacy applications which were built on Struts 2.
* Developed light weight business component and integrated applications using Spring framework, Spring web MVC.
* Designed Microservices to fetch from legacy and upload in couch base from/to multiple buckets using Couch base SDK Java client.
* Developed Apache Camel middleware routes, JMS endpoints, Spring service endpoints and used Camel free marker to customize REST responses.
* Deployed application updates to AWS EC2 and monitored the load balancing of different instances and used AWS IAM for access management.
* Using Azure Functions to integrate applications and run backend processes according to schedules without provisioning/managing servers.
* Fetching user contacts from third party accounts using OAuth Authentication.
* Worked on custom libraries for business layer using Object oriented programming (OOP).
* Responsible for building a framework to support the easy creation of, and the consumption of REST Microservices using Java 8, JAX - RS, AngularJS (SPA), Spring.
* Designed and developed using the Java collection API with Java 8 features and other java processes to fulfill business case requirements.
* Developed Apache Camel Routes for mediation and used various Enterprise integration patterns to connect to other systems.
* Successfully Generated consumer group lags from kafka using their API Kafka- Used for building real-time data pipelines between clusters.
* Developing Microservices leveraging in an Azure cloud environment. Used SQL Azure extensively for database needs in Customer Lookup.
* Using Hibernate as ORM tool to store the persistence data into the Oracle 10g database.
* Designed and developed Controllers, Action Mappings, Interceptors, Forms and View pages for management of policy claims using Struts 2 framework.
* Used Microservices architecture, with Spring Boot-based services interacting through a combination of REST and Spring Boot.
* Worked on the Microsoft cloud services like Azure to provide, SAAS, PAAS and worked on web services for passing the data as a Json data.
* Integrated Java 8 concepts like Collections, Lambda and Exception Handling to implement different functionalities.
* Design and development of many PL/SQL batches using JAVA with connectivity to Oracle database 11g for data maintenance and handling. Used SVN Subversion for software version control.
* Develop Message Driven Beans (MDB) & involved in building and accessing a Web Services using SOAP over JMS.
* Used Microservices architecture, with Spring Boot-predicated services interacting through an amalgamation of REST, Swagger, Cassandra and MQ message brokers and leveraging AWS to build, test and deploy Identity Microservices.
* Worked on REST Web services for backend services, used Couchbase DB (NoSQL) for database services.
* Involved in working on Cassandra database to analyze how the data get stored.
* Built administrator page displaying profile information in React.js and GraphQL.
* Worked with java libraries to access AWS facilities as Simple Storage service, Simple queue service and Couchbase DB.
* Developed REST services using JSON for storing and exchanging information between browsers and servers.
* Used SAX and DOM parser for parsing xml documents and XSLT API to handle XML parsing in Object Oriented way.
* Used ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Worked with java libraries to access AWS facilities as Simple Storage service, Simple queue service and Couchbase DB.
* Implemented different Design patterns like DAO, Singleton, Factory, Delegate, and Front Controller.
* Implemented REST web services using REST, JSON and JAX-RS and SOAP web services using JAX-WS.
* Development of database interaction code to JDBC API making extensive use of SQL Query Statements and advanced prepared statement.
* Designed and created Cassandra tables as data repository to host transactions and implemented Kafka consumers move transaction data from Kafka to Cassandra.
* Added Excel-Builder to download the Tabular data in Excel format using React.
* Created unit tests using JUnit framework in test driven development approach using Mockito.
* Used SVN as version control tool and Maven as build tool.
* Developed Web Services using SOAP, WSDL, JAX-WS and Apache Spark and used SoapUI for testing
* Developed Controllers, view resolvers, Handler mappings, and Java Server Pages as views using Spring MVC.
* Worked on setting up Maven scripts to build, package, and deploy application code to the target Apache Tomcat Servers and worked on continuous integration servers like Jenkins.
* Implemented Test Driven Development (TDD) for developing and testing the application.
* Worked with Jenkins under the CI/CD pipeline providing continuous improvement to agile software development.
* Extensively used Hibernate Query Language (HQL) and criteria-based queries to work with MySQL Database
* Involved in code reviews, trainings, drafting Unit Test Case documents

**Environment: Java,** JavaScript, Spring, Spring boot, Strust, Servlets, AWS, Azure, HTML5, CSS3, Oracle11g, Tableau, ReactJS, AngularJS, Hibernate, PL/SQL, Waterfall Model, Spring MVC, JQuery, Apache Camel, Couchbase, Cassandra, Web services, MySQL, Citrix, JUnit, MVC, Struts, AWS, Docker, Tomcat, Microservices, Jenkins TDD.

**Client: e-Zest Solutions Ltd. India Jan’15 – Aug’15**

**Role: Java Developer**

**Responsibilities:**

* Involved in design phase and data modeling team.
* Implemented JEE standards, MVC architecture using Spring Framework.
* Developed cross-browser/platform HTML, CSS, and JavaScript to match design specs for complex page layouts while adhering to code standards.
* Implemented Spring boot Microservices to process the messages into the Kafka cluster setup.
* Implemented React JS Controllers to maintain each view data where the client implemented the UI using ReactJS
* Developed Spring MVC controllers and REST services to hit other internal and external APIs to perform a task.
* Implemented various Validation Controls for form validation and implemented custom validation controls with JavaScript and jQuery.
* Implemented Azure Application Insights to store user activities and error logging.
* Implemented the project using JAX-WS based Web Services using WSDL, and SOAP to communicate with other systems.
* Designed and developed the REST based Microservices using the Spring Boot
* Built the customized ETL tool for migrating the data from MS SQL Server to Couchbase server which builds varieties of documents for later use of web services, which pulls the data from Couchbase in JSON format.
* Developed presentation tier using JSP, JavaScript, HTML, and CSS for manipulating, validating, customizing, error messages to the User Interface.
* Managing Product development / implementation using Azure cloud infrastructure.
* Extensively used mainframe platform to access the tables in DB2 Database and to refresh the data
* Extensively used AWS to integration with Enterprise and web applications. Persistence layer implemented using Hibernate framework.
* Used Web services for sending and getting data from different applications using SOAP messages.
* Used Microservices to communicate using synchronous protocols HTTP and REST for implementing SOAP.
* Migrated existing on-premise infrastructure into cloud using Azure and its associated Services.
* Used React JS for templating for faster compilation and developing reusable components
* Worked on JEE frameworks like Spring and Struts for developing industry standard web applications.
* Created Location Look up SOAP based web services using Spring.
* Involved in developing custom taglibs, JSP, EJB's, Portlets and DB2 - stored procedures.
* Deployed PCF on AWS EC2 to manage the containers created by PCF.
* Familiar with MongoDB write concern to avoid loss of data during system failures.
* Tracing connections to the Mongo database and monitoring utilization of resources for each process
* Created data model, SQL scripts for the application.
* Worked on Microservices development using spring boot and deployment in Pivotal Cloud Foundry (PCF)
* Worked on jQuery for user interface interactions, effects and themes built on top of the JavaScript.
* Extensive use of HTML with JSTL, JSP and jQuery for the presentation layer along with Java script for client-side validation.
* Prepare and maintain Technical specification documentation to support development activities as per Functional specification document.

**Environment:** JavaScript, JEE, JSP, HTML, CSS, JQuery, Servlets, Web Services, AWS, JavaScript, Restful Web services, ReactJS, Eclipse, Oracle, Spring MVC, XML, Micro services, MongoDB, Struts, SQL, Junit. CI/CD, SOAP.

**Client: BloomSoft Technologies, India July’13 – Dec’14**

**Role: Jr. Java Developer**

**Responsibilities:**

* Actively participated in meetings with Business Analysts and Architects to identify the scope, requirements and architecture of the project.
* Developed application using Spring MVC, JSP, JSTL and AJAX on the presentation layer, the business layer is built using spring.
* Designed and developed DAO layer with Hibernate standards, to access data from IBM DB2
* Started as a monolithic application that runs on Jboss, later migrated it in to a set of Spring boot and NodeJS, Microservices
* Created standards and patterns for deploying a spring boot data Microsservice architecture to PCF
* Used config-server options of PCF for maintaining application properties pertaining to each environment and enable communication via cloud
* Configured faces-config.xml and applicationcontext.xml for JSF Integration.
* Coded DB2 stored procedures and user-defined functions that contain business logic.
* Involved in enhancement of existing application utilizing Node JS created role-based HTML navigation menu wherein menu items change dynamically based on the values derived from the database in the form of XML.
* Designed dynamic client-side JavaScript codes to build web forms & simulate process for web application, page navigation and form validation.
* Created database tables for the application on a DB2 database.
* Extensively used Java Multi-Threading concept for downloading files from a URL.
* Generated Use case diagrams, Class diagrams and Sequence diagrams using Rational Rose.
* Write front-end code for developing new pages using HTML, CSS, JavaScript, and jQuery.
* Worked on Eclipse for development and deployment of application in JBoss Application Server.

**Environment:** Javascript, Node JS, PCF, SQL, MVC, Srping ORM, JSP, JSTL, AJAX, Spring MVC, RAD, SQL Server 2008, Microservices, JBoss, JavaScript, HTML, CSS