Bottom of Form

 **Java Full Stack Developer**

**Name: Shweta Ramesh Tapele**

**Phone: (336)-398-7948**

**Email: shwetatapele0124@gmail.com**

**--------------------------------------------------------------------------------------------------------**

**SUMMARY**

* **10 years of experience in Software Life Cycle Development** (**SDLC**) process which includes Requirement Gathering, Analysis, Developing, Testing and implementing life cycle utilizing approaches like **Agile, SCRUM, Waterfall and Test - Driven Development (TDD).**
* Rich exposure to Financial, Banking, Healthcare, insurance and Telecommunication domain.
* Extensive experience in development, Enhancement and Support of applications in Client/Server Technology using **N-Tier J2EE** architecture.
* Experience in implementing Microservices using **Spring Boot** applications.
* Worked as a Technical Architect and Developed Mobile and Web projects using **Android** and **Spring Boot** Applications for Product Development.
* Extensive experience of Coding and maintenance of **J2EE** based applications using Java 8 version, Java Collections, Data Structures, Multithreading, JDBC, Servlets, JSP, JSF, EJB, AJAX, JMS Custom Tag Libraries, JSTL, XML and Web Services.
* Experience in Spring Framework such as **Spring IOC, Spring Boot, Spring Cloud, Spring DAO, Spring ORM**, **Spring MVC, Spring Rest, Spring Resources, Spring JDBC, Micro-Services.**
* Experience in Developing User Interface (UI) Rich Web Applications, and Web Service Applications using Front End/User Interface (UI) Technologies like Object Oriented **JavaScript, Backbone JS, Angular JS, React JS, Node JS**, Bootstrap Framework, **Media Queries,** **CSS** Frameworks.
* Expertise in **Angular JS** framework and **React JS** framework and its ability to create simple and scalable code for SPA.
* Experience in Importing data from various sources to the **Cassandra cluster** using **Java API's**.
* Successfully completed 3 code conversion projects. Proficient in **COBOL, JCL’s, PDS’, DB2, TC-Access, Treehouse**, and **CICS architecture**. Additional experience with **JAVA, SQL, .NET, and GCP.**
* Experience in building application with **React JS,** **Redux**, **Require JS,** in **MVC** architecture.
* Experience in data modeling of **Cassandra**.
* Experience on AWS cloud services **like EC2, S3, RDS, ELB and EBS** for installing and configuring.
* Experience on **AWS Code pipeline, Code Build, Code Deploy.**
* Worked with **Kafka, Active MQ, Rabbit MQ** is used for Messaging for decoupling applications by separating sending and receiving data.
* 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.
* Performed unit testing using JUnit and **Mockito** aiding test driven Development in some scenarios.
* Experience in writing test cases using features files to Automate the application using Cucumber/ Selenium framework.
* Experience in developing enterprise level solution using batch processing (using Apache Pig) and streaming framework (**apache Kafka & Apache Flink**).
* Expertise in developing **Android** Enterprise applications for tablets and mobile devices using Eclipse, Android **SDK, Android Studio** and ADT development tools.
* Experience in working with different databases like **Oracle Db, SQL Server,** **DB2** and MySQL & very good experience in **OOAD** and UML methodologies, Class diagram using Rational Rose.
* Good working knowledge of NoSQL Databases like **MongoDB, Cassandra.**
* Hands on experience in configuration and deployment of multi-tier applications using servers like **WebSphere, Web Logic, Tomcat and JBoss.**
* Experience in the field of release automation for Java application to achieve continuous integration (CI) and continuous delivery (CD).
* Very keen in knowing newer techno stack that Google Cloud platform (GCP) adds.
* Exceptional Skills in Backend Development with Python using the Flask framework with the latest in the technical communities and have a track record of delivering scalable backend solutions and **APIs**.
* Expertise with different tools in Hadoop Environment including **Pig, Hive, HDFS, MapReduce, Sqoop, Spark, Kafka, Yarn, Oozie, and Zookeeper.**
* Designed and created highly scalable, highly available, fault tolerant, highly secured, distributed infrastructure (IAAS) using **AWS EC2 instances, S3, EBS, ELB, API Gateway, Route 53**, **Cloud Front, Auto Scaling, Elastic Bean Stalk, VPC, Cloud Watch, Cloud Trial, SNS, SQS.**
* Solid experience in Apache Subversion (**SVN**) and Jenkins and **Bamboo** Continuous integration Server. Integration testing of the applications using **Selenium** and behavioral testing using **Cucumber**.
* Experience in **UNIX** and Shell scripting.
* Experience in messaging queue services like **IBM MQ, RabbitMQ** and **Apache Kafka**

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| JAVA/J2EE Technologies: | Java, J2EE (Servlets, JSP, EJB, JavaBeans, JDBC, JMS, JPA, JNDI, JAX-WS, JAX-RS), MVC, Struts |
| Programming Languages: | C, C++, Java 8, Python 3, SQL, PL/SQL |
| Messaging Servers: | ActiveMQ, RabbitMQ, Kafka |
| Web Technologies: | JavaScript, AngularJS, Backbone JS, XML, HTML5, CSS3, XHTML, XML Schema DHTML, JSON RPC, AJAX, jQuery, WebSocket, Knockout JS, React, React JS, Angular JS & 2, Android ,XSL, XSLT, SED, DTD. |
| Databases: | MySQL, Entity Framework, Oracle, MS SQL Server, DB2, Cassandra, PL/SQL, MongoDB, DynamoDB, Couchbase. |
| Mainframes Tools | COBOL, JCL’s, PDS’, DB2, TC-Access, Treehouse, CICS |
| Web/App. Server: | Oracle WebLogic Application Server, IBM WebSphere Application Server, Apache Tomcat Webserver, JBoss Application Server |
| Architectures: | EJB, Multi-Tier Enterprise Application, JDBC, Extreme Programming (XP) and Continuous Integration (CI) |
| Web Services: | SOAP, Restful, JAX-B, JAX-RS, WSDL, AWS, Apache Axis, XML, XHTML, XSLT and JAX-WS |
| Big Data Technologies: | Hadoop, Apache Spark, Apache Flink, Kafka |
| Frameworks: | Struts, JSF, Hibernate, Spring, Junit |
| Version Control Tools: | GitHub, CVS, SVN, Rational Clear Case, Sub Version |
| IDE/Tools: | Eclipse, RAD, NetBeans, IntelliJ, RAD, ANT, Maven, Jenkins, Bugzilla, JIRA, Rational Rose, RSA, Spring Tool Suite,Casandra, JBOSS Developer Studio, Jenkins for CI/CD |
| SDLC: | Agile - SCRUM, Waterfall |
| Build and Performance Managing Tools: | Ant, Maven, Gradle, Jenkins, JIRA, Docker, Helm, SonarQube |
| Testing: | Junit, TestNG, Jasmine, Selenium, Mockito, Power Mockito, Cucumber |
| Design Patterns: | Builder, Template, MVC, Intercepting Filter, Front Controller, Session Facade, Business Delegate, DTO, DAO, Service Locator |

**PROFESSIONAL EXPERIENCE**

**Client: PG&E, San Francisco CA Mar – 2023 – Till Date**

**Java Full stack Developer**

**Responsibilities:**

* Participated in **Agile (Scrum) methodology** and Involved in **Design, development, System Testing and User Acceptance Testing.**
* The application is based on Micro Service Oriented Architecture using **Angular 4.0**and **Mongo DB** and **MySQL**to develop**Single Page Applications (SPA).**
* Implemented Angular 4.0 directives, expressions, routing capabilities for bookmarking, filters, validations and Angular UI components, Components, ng-Modules, Providers,Services and classes for navigation respectively.
* Worked with **Angular CLI** and **Typescript** in **Angular 4.0** to create **Controllers** and Angular components for the Web Pages.
* Used **Android frameworks** and APIs to efficiently load data and update databases: Loaders, Async Task Loade rand Sync Adapters.
* Hands on experience with **Apache Spark** using **Scala** . Implemented spark solution to enable real time report from **Cassandra data**.
* Lead the team in developing real time streaming applications using **PySpark, Apache Flink, Kafka, Hive** on distributed **Hadoop Cluster**.
* Created custom templates for generating pages using **Adobe experience manager**.
* Experience using advanced **Android** capabilities including GCM/FCM, camera, multimedia playback.
* Experience with an ORM like Active **Android**.
* Developed a real-time detection system using **Apache** **Kafka** and **Spark**
* Optimized performance is achieved by **Angular 4 Lazy Loading**.
* Experience in developing enterprise level solution using batch processing (using Apache Pig) and streaming framework (using **Spark Streaming, apache Kafka & Apache Flink**).
* Used **Spring Boot** which is radically faster in building cloud **Micro Services** and develop Spring based application with very less configuration.
* components from **NPM (Node Package Manager)** and **redux library**.
* Implemented **Elastic Search** for caching to enhance the performance of application.
* Implemented **Node JS** as a server-side proxy for an observing various response time.
* Implemented modules into **Node JS** to integrate with designs and requirements.
* Used Node Package Manager **(NPM)** to manage modules & used it to install useful tools as Grunt and Express.
* Led 3 successful code conversion projects from Mainframe technologies to the web.
- Worked extensively with **COBOL, JCL’s, PDS’, DB2, TC-Access, Treehouse**, and **CICS architecture**.
- Utilized **JAVA, SQL,** and **.NET** for various projects.
- Gained experience with **Google Cloud Platform (GCP).**
* Used **Express JS** which is fast, assertive, essential and moderate web framework of **Node.js** that helps manage a **sever** and **routes**.
* Used cloud shell SDK in GCP to configure the services Data Proc, Storage, BigQuery
* Worked with **Express JS** which gives **MVC Structure** to the **Node JS.**
* Built-in **AJAX HTTP Service** with observables is used extensively for making quick and incremental updates to UI of the application.
* Developing web design, web applications, and web development and specializing on Adobe Experience Manager .
* Applied to the business modules integration using **Spring Boot**, **Mongo DB**.
* Worked with Cassandra Node Connector for database persistence to interact with Cassandra.
* Worked in integrating **JMS** with **SPRING BOOT** by providing an instance which is embed with **Active MQ**.
* Implemented**Spring API gateway**and**Eureka service registry**forreverse proxy of API’s.
* Deployed frontend application using **AWS S3**and**configured CORS**to consume **RESTful services** from another domain.
* Deployed Spring Boot based micro serviceson **Docker containers**using **Amazon ECS .**
* Experience in introducing **Docker** utilizing Docker tool compartment. Condition provisioning arrangements **utilizing Docker**.
* Build data pipelines in airflow in GCP for ETL related jobs using different airflow operators.
* Authenticating Users and to provide the security to **Restful web services**using **OAUTH 2.0.**
* Using **Swagger Framework**, actualizing the **Restful API** and **Swagger** gives the rich UI to test API.
* Worked on unit test cases using **Karma** and **Jasmine** on client side.
* Wrote comprehensive Unit test cases using **JUnit** and **Spock**.
* Load data from various data sources into HDFS using **Kafka**.
* Worked with the configured and maintained **Jenkins** to implement the **CI/CD** process.

**Environment:** Node JS, HTML5, CSS3-SASS, Twitter Bootstrap4.0, ES6 JavaScript, React-Axios, AJAX HTTP Service, TypeScript, Spring boot, JPA, jQuery, OAuth2.0, Apache Kafka, Active MQ , GCP , Casandra,Apache Flink, Jenkins, Bamboo, Spark, Log4j, MY SQL, Android ,CassandraDB, Elastic search, MongoDB, Redis, NPM, Web pack, RESTful, EC2, AWS S3, EBS, Elastic Load Balancer, Junit4, Docker, Spock, Karma, Jasmine, Eclipse Java EE IDE.

**Lincoln Financial Group Greensboro, NC Jan – 2022 - Feb - 2023**

**Java Full stack Developer (Microservices and React JS)**

**Responsibilities:**

* Involved in **SDLC** cycle like Analysis, Designing, developing, Testing and deploying the Enterprise applications using Java and **Object-Oriented Design Patterns** based on business requirements.
* Daily Interaction with Client’s Technical Architecture in meetings to focus on the performance and implementation of code development.
* Implementing new API’s using **RESTful** web Services using **Spring Boot** to interact with mobile application and Clients legacy systems.
* Experience used Spring Boot which is radically faster in building cloud Microservices and develop a Spring-based application with very less configuration.
* Used **Kafka** Messaging Services to interact with external interfaces.
* Involved in designing, developing and testing the web application by using the **HTML5, CSS3, Bootstrap, and ReactJS**
* Created the responsive UI components using React/Redux and to dispatch events to the store.
* Worked in using **React JS components, Forms, Events, Keys, Router**, Animations and Flux concept.
* Implemented client-side Interface using **React JS** and used various predefined components from NPM (Node Package Manager) and Redux library.
* Involved in creating custom components and library components for displaying data using React with Redux, ES6.
* Complete code base conversion toReact Nativewith feature parity.
* Used React Http service to make GET/POST/PUT/DELETE to deal with API request and response.
* Created various template and data-driven form components using React Forms and defined module-level routing for various components in the application using React router.
* Developed unit test cases using Jasmine, karma, web pack and used and async utilities to mock async calls.
* Created collections and performed **CRUD** operations on **Mongo DB** using Mongo Repository and Spring Mongo Template for persistence.
* Involved in writing the test cases for the application using Junit, Mockito.design
* Developed an information pipeline utilizing Kafka and Storm to store data into HDFS.
* Loading spilling data using Kafka, Flume and real time Using Spark and Storm.
* Implemented various hive optimization techniques like **Dynamic Partitions, Buckets, Map Joins, Parallel** executions in Hive.
* Integrated React Native Android and IOS app with AWS Cognito.
* Updated many pre-existing functional tests to reflect enhancement/changes in the code. Creating test cases with good functional and code coverages and help with automation of test suites.
* Server instances are created on **AWS** and worked on Code pipeline with **Tomcat, Swagger** are installed and used for deploying Microservices.
* Followed **AGILE** methodology with **SCRUM** meetings.
* Used **GitHub** to maintain the version of the files, code merges and create new branch when new feature implementation starts.
* Experience in using React native components, Forms, Event, Keys, Navigation and Redux concepts.
* Coordinated with the offshore team for requirement transition and providing the necessary inputs required for the successful execution of the project.

**Environment:**Java 1.8, Spring Boot, Kafka, IntelliJ, Microsoft Visual Studio, TypeScript, React JS, Git, Cucumber, SOAP, Jasper Reports, Jenkins, AWS, Oracle, Mongo DB, Flume, spark, Kubernetes.

**Honeywell Jul 2019- Aug - 2021**

**Java Full stack Developer (services and Angular 5+)**

**Responsibilities:**

* Involved in all phases of project from analysis and requirement phase to delivering the project.
* Created System Requirement Specifications (SRS) report of the project by collecting all the requirements from client.
* Developed the functionalities using **Agile** Methodology.
* Implementing new **API’s** using **RESTful** web Services using Spring Boot to interact with mobile application and Clients legacy systems.
* Developed single page applications using **Angular 2, Typescript, HTML5, CSS3, and Bootstrap.**
* Created Typescript reusable components and services to consume **REST API's** using Component-based architecture provided by **Angular 2.**
* Good knowledge on using Angular APIs like @Angular/http for making HTTP requests, @Angular/common Common core things including form validation, @Angular/router Routing for our entire app.
* Used Hibernate Transaction Management, Spring/Hibernate Batch Transactions, Hibernate cache Concepts.
* Experience in handling messaging services using **Apache Kafka.**
* Designed overall Microservices architecture including Gateway, API Service, Core Service,
* Built a stored-procedure-as-a-service Microservices that is generic: will take sproc name and parameters and spit out output or error from the database.
* Loading the data to Cassandra Cluster with the help of Java API.
* Created and configured **EC2** instances on Amazon Web services (**AWS**) for establishing clusters on cloud and created S3 buckets for our application.
* Used ES6 syntax and upgrading the react native apps regularly to make the stable version of apps.
* Worked on Multiple **AWS** instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
* Design and develop Microservices based applications using Spring Integration and Spring Boot framework.
* Developed data pipeline **utilizing Flume, Sqoop, Pig and Java MapReduce** to ingest client behavioral information and money related histories into HDFS for analysis.
* Deploy and administer Microservices based applications on Cloud infrastructure using Pivotal Cloud Foundry.
* Exposed the **Web Services** to the client applications by sharing the **WSDL.**
* Created DDL and **DML** SQL scripts for creation of database objects in SQL Server db.
* Created logical and physical data models putting to practice, concepts of normalization and RDBMS.
* Created new tables, **PL/SQL** stored procedures, functions, views, indexes and constraints, triggers and Required SQL tuning to reduce the response time in the application. Used Jenkins to load **JAR** files from Database required for running the application.
* Used Maven building tool for creating EAR file to be deployed in application servers. It is also used for Dependency management of code in application.

Environment: J2EE, Java 1.7, Spring Boot, Angular, Microservices, SQL Server, Hadoop, Scala, MapReduce, AWS, jQuery, JavaScript, Cassandra, Eclipse, Web Sphere, Agile Methodology, SVN, Maven, Jenkins, JUnit, WinSCP.

**Client: Global Edge, India, Nov 2017 – Jun 2019**

**Java Full stack Developer**

**Responsibilities:**

* Developed the application by using **SCRUM** methodology in agile environment.
* Designed the architecture based on the popular **J2EE Model 2** approach of **MVC** design paradigm.
* Developed application on Spring Framework by utilizing its features like **Spring** Dependency injection, Spring Security, Spring Web flow with Spring **MVC**
* Used Spring Rest Template to use the exposed REST Web Services.
* Involved in developing code for obtaining bean references in **Spring Framework** using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
* Involved in designing the interface along with the Design team for better usability and handling across Android mobile application development to maintain their relative nativity.
* Successfully deployed the app on the Android Marketplace and supported the app for different releases of **Android OS.**
* Developed Business components using Java Objects and used Hibernate framework to map the Java classes to the database using Annotations.
* Development of application communication through asynchronous message using **JMS, MQ, MDB** process message in point-to-point scenarios.
* Developed **Java/J2EE** code, business logic using Spring, hibernate framework and OOP concepts, involved in Peer code reviews.
* Implemented Responsive development using Bootstrap and **CSS3** media queries.
* Used Spring Security for implementing the authentication, authorization, and access-control features.
* Published Restful services using **Spring MVC** and consumed rest services using Spring-rest template.
* Functionality is implemented by developing RESTful web Services using Spring Boot, JPA, Cloud foundry and Oracle.
* Experienced in writing complex SQL queries for extracting data from multiple tables.
* Extensively executed SQL queries to view successful transactions of data.
* Extracted data from various sources like **Oracle**, flat files, and SQL Server.
* Development of for schema definitions.
* Unit testing and Integration Testing of application.
* Coordinated with the testing **XML/XSLT/XSD** team for bug reports and fixes and tracking these tickets through JIRA.
* Good experience with test driven software development and unit testing tool like JUnit to write and run repeatable test.
* Used **GIT HUB** for maintaining the component and to release version management.
* Used **Jenkins** to build the War file.
* Tested web services on **SOAP UI** and **SOAP** Sonar.
* Used Log4j for logging errors, messages, and performance logs.

**Environment**: JDK 1.6, Spring Framework, Oracle, Eclipse 3.2, Maven, WebLogic 11g, SVN, JUnit, Log4j, NoSQL, REST, Hibernate 3.3.

**Tesco Bengaluru, India Jun 2014 – Oct 2017**

**C / Java Full stack Developer**

**Responsibilities:**

* Developed the application by using **SCRUM** methodology in agile environment.
* Involved in Designing phase for migration of PRO\*C application to Java application.
* Designed the architecture based on the popular J2EE Model 2 approach of **MVC** design paradigm.
* Developed application on Spring Framework by utilizing its features like Spring Dependency injection, Spring Security, Spring **Web** flow with **Spring MVC**
* Used Spring Rest Template to use the exposed REST Web Services.
* Involved in developing code for obtaining bean references in **Spring Framework** using Dependency Injection (DI) or Inversion of Control (**IOC**) using annotations.
* Involved in designing the interface along with the Design team for better usability and handling across Android mobile application development to maintain their relative nativity.
* Successfully deployed the app on the Android Marketplace and supported the app for different releases of **Android OS.**
* Developed Business components using Java Objects and used Hibernate framework to map the Java classes to the database using Annotations.
* Development of application communication through asynchronous message using **JMS, MQ, MDB** process message in point-to-point scenarios.
* Developed **Java/J2EE code**, business logic using Spring, hibernate framework and **OOP concepts**, involved in Peer code reviews.
* Implemented Responsive development using Bootstrap and **CSS3** media queries.
* Used Spring Security for implementing the authentication, authorization, and access-control features.
* Published Restful services using **Spring** **MVC** and consumed rest services using Spring-rest template.
* Functionality is implemented by developing RESTful web Services using **Spring Boot, JPA**, Cloud foundry and **Oracle**.
* Experienced in writing complex SQL queries for extracting data from multiple tables.
* Extensively executed **SQL** queries to view successful transactions of data.
* Extracted data from various sources like Oracle, flat files, and SQL Server.
* Development of for schema definitions.
* Unit testing and Integration Testing of application.
* Coordinated with the testing team for bug reports and fixes and tracking these tickets through **JIRA**.
* Good experience with test driven software development and unit testing tool like **JUnit** to write and run repeatable test.
* Used **GIT HUB** for maintaining **XML/XSLT/XSD** the component and to release version management.
* Used Jenkins to build the War file.
* Tested web services on **SOAP UI** and **SOAP** Sonar.
* Used Log4j for logging errors, messages, and performance logs.

**Environment**: JDK 1.5, Spring Framework, Oracle, Eclipse 3.2, Maven, WebLogic 11g, SVN, JUnit, Log4j, NoSQL, REST, Hibernate 3.3.