**Nikhila V**

**Full Stack Java Developer**

Phone: (650)569-1556

**SUMMARY OF QUALIFICATIONS:**

* Around **7+ years** of **Full Stack Java Development** experience and involved in all the phases of **SDLC** such as Requirement gathering, Designing, Coding, Testing & Maintenance.
* Experienced in a fast-paced **Waterfall**, **Agile** methodologies like **Test Driven Development** (TDD), **Scrum**.
* Experienced in implementing OOPS Concepts using java/J2EE technologies such as **Core Java Collections, Generics, Enums, multithreading, serialization, Java beans & Event/Exception handling**.  Well Expertise working with technologies: **Spring MVC, Spring Batch, Spring Boot, Spring JDBC** and **Hibernate.**
* Experience in **JAVA 8** features like **Lambda Expressions, functional interfaces, Java stream API** and **filters**.
* Extensive experience as a Front-End Developer in developing web applications using **HTML, XML, CSS, JavaScript, Typescript, jQuery, AJAX, AngularJS, Angular 2/5/7 and React JS.**
* Experienced in other front-end technologies such as **Typescript, Bootstrap, Angular 2+**, **Ajax, JSON, Node JS**.
* Used **JUnit Framework** to perform Unit testing of the application.
* Performed unit and integration test by writing **Junit test** cases using Junit Frameworks like **Mockito**.
* Experienced in using **React JS components, Forms, Events, Keys, Router, plus Redux, Animations** and **Flux concept**.
* Experience in MERN stack (**NodeJS, Express JS, ReactJS, and Mongo DB**) for full-stack development.
* Proficient in Java/J2EE **Design Patterns** including **singleton, command, object pool, session facade, Model View Controller (MVC), Data Access Object (DAO), Factory, Adapter, Observer and JMS components**.
* Good experience of implementing reactive programming using **RxJava** to manage asynchronous tasks and events.
* Good knowledge of developing **RESTful** Web Services using **Spring MVC** and **Tomcat/Glass**

**Fish Servers.**

* Experience with installing and configuring application servers such as **BEAWeb Logic, IBM WebSphere, JBoss** and **Apache Tomcat**.
* Proficient in implementing design patterns like **Singleton**, **DTO, DAO, Factory, Session Facade, Front Controller Service Locator** using **Struts framework.**
* Profound experience in creating real-time data streaming solutions using **Apache Spark /Spark** Streaming, Kafka.
* Extensive experience in developing Microservices using **Spring Boot, Netflix OSS** (**Zuul, Eureka, Ribbon, Hystrix**) and followed Domain Driven Design.
* Well Versed Experience in database connectivity (JDBC) for databases like **IBM DB2, Oracle, SQL Server, and MySQL and NoSQL databases like MongoDB, HBase and Cassandra.**
* Sound experience on Java **Collections** and practically implemented **List, Array List**, **Hash Map, Hash Set**, and **Tree Map**.
* Used Hibernate, **object relational mapping** (ORM) solution, technique of mapping data representation from MVC model to **Oracle Relational data model with an SQL-based schema**.
* Expertise in implementing asynchronous task processing pipeline using **RabbitMQ & Kafka**.
* Hands on experience on different **IDEs** such as **Eclipse**, **Spring Tool Suite** and deployment using application servers and web servers like **Apache Tomcat, BEA Web Logic, IBM Web Sphere.**
* Developed **JMS** messaging components to handle asynchronous messaging from queues using **Tibco EMS** and **Spring JMS**
* Knowledge on **JPA Hibernate** and **Spring** frameworks and practically performed **CRUD** operations using those frameworks integrated with **MySQL and Oracle** databases.
* Hands on experience using the version control tools like **SVN**,**GIT** and project management tools like **JIRA**, **QC.**
* Experience on working with Cloud Computing Service environment like **Amazon Web Services** (**AWS**) and managed AWS like **EC2, S3 bucket**, Virtual Private Cloud (**VPC**) through **AWS Console** and **API Integration**.
* Involved in building and deploying **ANT/ MAVEN** scripts for deployment and customizing WAR/ JAR file management for web applications.
* Expert in development of company´s internal CI system, providing a comprehensive API for **CI/CD** using **Jenkins** tool.
* Expertise in **Docker** Virtualization product and **Kubernetes** container orchestration system.
* Excellent programming, analytical, problem solving and interpersonal skills with a keen understanding of business applications and a proven ability to adapt to new areas.

**TECHNICAL COMPETENCIES:**

|  |  |
| --- | --- |
| Languages  | Java/J2EE, C++, C#, XML, UML  |
| Frameworks  | Apache Struts 1.x/2.x, Spring Core, Spring IOC, Spring Boot, Spring MVC, Spring Security, Hibernate, Spring with JDBC, Spring with Hibernate, JSF, IBatis, Apache Camel ESB.  |
| Technologies  | HTML, HTML5, CSS, Servlets, JSP, JDBC, EJB, XML Parsing, Web Services, J AX-RPC, JAX-WS, JAX-RS, Apache Axis 1.x/2.x, Apache CXF 2.x, Jersey 2.x, SOAP, RESTful, WSDL, UDDI, SOA, XML, XSD, XSLT, XPATH, JAXB, JAXP, Log4j, Maven, Ant, Jenkins, Jira, Apache Tiles.  |
| Scripting Languages  | PHP(Laravel), Python (Django & Flask), JavaScript, AJAX, DOJO, jQuery  |
| JavaScript Libraries  | Node.js, Angular JS, React JS, Backbone JS, Stripe JS  |
| Databases  | MONGO DB, PostgreSQL, Spunk data storage (Big data), Oracle 8i, 9i, 10g, SQL Server 2000, 2005 & 2008; IIS 6.0/7.0 .  |
| NoSQL  | Couchbase, MongoDB  |
| Application/Web Server’s  | Oracle BEA WebLogic 8.1/9.1/10.3/12.x, IBM Web Sphere 6.x/ 7.x, JBoss 5.x/ 7.x, Oracle SUN Glassfish & Apache Tomcat 5.0/6.0/7. x.  |
| Development Tools  | Eclipse, Spring Tool Suite, Oracle SUN Net Beans 7.x, WinSCP, PuTTY, XML Spy, SoapUI, SonarQube, TOAD, My SQLWorkbench, Rapid SQL.  |
| Operating Systems  | Windows 2000/2007/XP, UNIX, Linux, SunSolaris8.0  |
| Version Controls  | GIT, GitHub, Tortoise SVN, IBM Clear Case, CVS, Clear Quest.  |
| Testing Tools  | Jasmine, Karma, Jacoco, fortify five, Selenium.  |
| Software Methodologies  | SDLC Waterfall Model, Agile Scrum.  |
| **PROFESSIONAL EXPERIENCE:**  |  |  |  |  |  |
| **Client:**  | **Goldmansachs, CA**  |  |  |  |  |  | **Jan2020-Present**  |

 **Role: Java Full Stack Developer**

**Roles & Responsibilities:**

* Involved in developing **Microservice** applications using **Spring Boot, Spring Batch, Spring IOC and Spring Integration**
* Utilized **Microservices** and decoupled architectures for building **RESTful APIs**.
* Developed code to call the web service/APIs to fetch the data and populate on the UI using jQuery/AJAX
* Extensively worked on front end, business, and persistence tiers using the **spring framework.**
* Developed **Single Page** Web Application using JavaScript, **Typescript**, **Bootstrap**, **HTML5**, DOM, AJAX, CSS3, jQuery and Angular **7**.
* Implemented **Angular 7** Template basics, Template directives, Routing and navigation, Components, Services and Data Binding.
* Client-Side code was written in Typescript and Server-Side Code was developed using MVC
* Worked on Angular 7 concepts like new if else syntax, ng-templates, form validators, building the components, Data binding, String Interpolation, Property Binding, Event Binding, Two-way Data binding (with the help of Forms Module), Directives using \*ngif (Structural Directive) to Output Data Conditionally, Styling Elements dynamically with ngClass,
* Developed core **java multi-threading** processes extract and upload data from text files to search and schedule them as nightly batch processes.
* Created Angular service and integration with **RESTful APIs**. Used Angular **HTTP Client** to send GET/POST request to fetch data from server.
* Written **JUNIT** tests as per the use case and used **Mockito** framework to confirm the expected results.
* Used **Spring Kafka API** calls to process the messages smoothly on Kafka Cluster setup.
* Implemented Spring boot microservices to process the messages into the **Kafka cluster** setup
* Developed application using **Spring framework** and implemented **MVC design Pattern**, Action class, Action Servlets, Form Bean.
* Worked with executed unit **test cases by using JUNIT** for accuracy of code
* Implemented simulated top-down **SOAP** based Web Service to test the business logic for the rating calculation.
* Experience with Test Driven Development writing UI Unit tests before the functional code in **Jasmine, mocha** and **Karma**.
* Used Stored Procedures to **crunch data** and creating view for **fetching data from multiple tables on MS SQL Server.**
* Involved in **RDMS** design, **DB normalization**, **ER modeling** and implemented complex **SQL queries**, **Procedures**, **Cursors**, **Functions** & **Triggers**.
* Used **GIT** as a version control and Used **Log4J** logging framework to write Log messages with various levels.
* Design and enhance **Kafka** producers to stream the data from external rest APIs to **Kafka** topics.
* Implement a product-level cloud-based architecture in Amazon Web Services (**AWS**).
* Involve in deploying systems on Amazon Web Services (**AWS**) Infrastructure services **EC2,S3,SQS,RDS & Cloud Formation.**
* Create custom **Docker** container images, push images and integration of **Spring Boot**.
* Used **GWT** and **WAS** migration and followed **Agile Methodology** during the development process.
* Implemented a Continuous Delivery pipeline with **Dockers**, **Jenkins** and Converted our staging & Production environment from a handful AMIs to a single bare metal host running **Dockers**.

**Environment:** JDK 1.8, Java/J2EE, EJB, JSF 1.0, Hibernate 4.0, Spring, JSP, CSS, JSTL, JDBC, Servlets, XML, JUnit, Scala, JavaScript, Angular 7, JMS, Agile Programming, Html, CSS, JavaScript, jQuery, jQuery UI, Eclipse, GWT, MySQL, Ajax, AXIS, Web Services JAX-WS, Maven, UNIX, SVN**.**

**Client: Comcast, city Philadelphia, Pennsylvania State** **May 2018 – Dec 2019**

**Role: Java Developer**

**Responsibilities:**

* Involved in development of the applications using **SpringWebMVC** and other components of the Spring Framework, the controller being Spring Core (Dispatcher Servlet)
* Involved in application development in **Model-View-Controller (MVC)** architecture using **Spring MVC**, **Servlet** and **JSP**.
* Developed applications using **Spring, JSP, HTML, CSS, JavaScript** and **Servlets** Deployed the application in **Tomcat**.
* Designed and developed **RESTful** Web Services using **Spring Boot**
* Created **PL/SQL** stored procedures, functions and packages for moving the data from staging area to processing layer
* Experience in upgrading and migrating various versions of **Mongo DB** on different platforms
* Used various features of spring such as **XML** configuration extensions for Declarative Transaction Management, Java Generics support, Annotation Driven Dependency injection.
* Used Postman **HTTP** Client for Testing Web Services
* Worked in an **Agile Software Development** environment using Agile methods like **XP** and **SCRUM** and **Test Driven Development (TDD)**
* Worked on creating documents in **Mongo** database
* Developed and executed Unit Test cases using **JMeter** by supporting **TDD (Test Driven Development)**
* Programming and unit testing experience in **PL/SQL** and Oracle 11g
* Experience in developing and deploying the micro services applications in **Pivotal Cloud Foundry** cloud platform
* Involved in implementing business logic with Oracle Stored Procedures, Functions and Triggers using **PL/SQL**
* Worked with QA team to design test plan and test cases for **User Acceptance Testing (UAT).**
* Involved in **Resolving Production Issues** assigned through SR Tickets
* Deployment of ear and War files in **Tomcat** & **WebLogic Server**
* Used **GIT** repository for software configuration management and version control

**Environment:** Java 8, J2EE, Agile ,HTML5, CSS,JSP, Ajax, Spring 4.2.0, Hibernate 5.0, SOAP, XML, Apache Tomcat, WebLogic, Soap UI, Postman, JIRA, SQL, RESTful Web services, GIT, Oracle

**Client: Hilton, Memphis, TN May 2017 – Jan 2018**

**Role: Java/J2EE Developer**

**Roles and Responsibilities:**

* Used UML for developing Use Cases, Sequence Diagrams and preliminary Class Diagrams for the system and involved in low-level design.
* Extensively used Eclipse IDE for building, testing, and deploying applications.
* Developed the whole framework for the projects, based on **Struts MVC** & **Spring MVC**.
* Developed the presentation layer and **GUI** framework based on spring framework involving **JSP, HTML, JavaScript, AJAX, CSS.**
* Worked on SOA/Web Services and created request and response **WSDLs**
* Involved in writing JavaScript functions and implementation of **AJAX** on presentation layer.
* Developed controllers, repositories, Service modules, form beans and validations.
* Developed beans and persisted bean in the database using JDBC and Hibernate.
* Involved in connecting bean with database using Hibernate configuration file.
* Involved in development of Spring DAO layer which invoked database queries.
* Developed Session Beans for the transactions in the application.
* Developed Pre-Screen, Valuation, Masters Modules.
* Involved in using Oracle application server.
* Involved in development of **GUI** for Pre-Screen, Valuation, and master’s Modules.
* Written Junit tests for unit level, functional level test cases.
* Fixes bugs reported by QA for the software
* Conducts component level systems design and develops prototypes and unit and integration testing
* Used Subversion for software versioning and as a revision control system.
* Critical to planning and overseeing our software development activities, leading teams against competing deliverables, and actively identify production issues/bringing them to quick resolution.
* Involved in designing responsive coding for mobile devices.
* Involved in using ORM tools and technologies.

**Environment:** Java, J2EE, Servlets, JSP, Struts, Spring, IOC, AOP, Hibernate, SQL Server 2008, ORM, JavaScript, XML, Tomcat, Eclipse, AJAX, SVN, JDBC, Web Services, XSLT, CSS, DOM, HTML, Maven, ANT, DB2, JUnit, ORACLE, JSON,HTTP, JBOSS, XHTML, JMS, MQ, Agile, REST API, multi thread server systems.00

**Client: NestLife, GUJARAT, IN| Feb 2015-Aug 2016**

**Responsibilities:**

* Involved in the development of the application using AWT for the GUI.
* Developed an Intranet portal service on a MVC architecture using Spring.
* Involved in designing the use cases and the Class Diagrams as per the Functional Requirements.
* Performed coding in Java/J2EE technologies using Eclipse IDE.
* Applied design patterns such as Factory, Session Façade.
* Used Log4j for application logging and configured loggers and appenders.
* Created Stored Procedures and PL/SQL where they can be compiled and called later for more efficiency.
* Used JDBC for Connection Pooling and interaction with the database.
* Implemented SOAP web services.
* Performed unit testing using Junit.
* Provided support and coordination in QA Testing, UAT and Production phases of the application.
* Designed and developed software modules which adhered to published standards for coding and design in the agile environment to solve business problems as outlined in the functional specifications.

**Environment:** Java, J2EE, XML, Spring, Ant, Log4J, JUnit, Apache Tomcat, Web Services (SOAP), Axis 2, Jersey, Windows 7, Oracle 10g.

**Client: Amdocs, Hyderabad, India. July2013 -Jan2015**

**Role: Java Developer**

**Roles and Responsibilities**

* Involved in complete software development life cycle with object-oriented approach of client’s business
* Process and continuous client feedback. Worked on designing and developing a complete service
* Involved in design and Drawing UML diagrams such as use cases, sequence diagram.
* Involved in the design of user interface and business layers.
* Developed web services to generate and attached contract documents.
* Developed user interfaces using JSP and form beans with JavaScript to reduce round trips to the server.
* Involved in development of controller component using Servlets and view component using JSP,
* Worked on Spring-DAO based declarative transaction management.
* Implemented Hibernate and Struts framework.
* Involved on the back-end application to modify business logic by making enhancements.
* Involved in the business logic-coding framework to seamlessly map the business logic into respective value beans.
* Involved in publishing the web services to help users interacting with web services.
* Involved in the migration of independent parts of the system to use persistence technology such as JDBC.
* Involved in using JBOSS for application deployment.
* Involved in writing the business logic code of the application, usually involving database access that implements individual **EJB’S**.
* Wrote database queries using SQL and PL/SQL for accessing, manipulating and updating Oracle database.
* Developed Controller Servlets and Used Java Script for client validations.
* Created action classes in Struts and Developing manager’s classes using Hibernate
* Testing and debugging of the application

**Environment:** Java, JDK, JSP, Servlets, SQL Server 2008, Maven, Struts, Oracle, HTML, JavaScript, XML, XHTML, CVS, JUnit, Maven, XSLT, Tomcat, Eclipse, Ant, JSON, JBOSS, Agile, SOAP**, EJB**.