**Nikhil A**

**Sr. Full Stack Developer**

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**PROFESSIONAL SUMMARY:**

**Over 6+ years of experience as a Java Full Stack Developer in IT industry. Extensively experienced in Software Analysis, Design, Development, Implementation and Testing of Object-Oriented Applications and Web based Enterprise Applications using java/J2EE.**

* Extensive work experience with **Java 1.7 and 1.8 (JDK, JRE), J2EE, JSP, JavaScript, and Hibernate, Spring, Struts MVC.**
* Experience in Software Analysis, Design, Development, Implementation and Testing on Application Development using **SDLC** with various methodologies like **Waterfall**, **Agile**/**Scrum.**
* Proficient in **Java/J2EE** Design Patterns including **Singleton, Factory, Model View Controller (MVC), Data Access Object (DAO), and Business Delegate.**
* Well versed with **Core Java** concepts like **Collection Framework, Multi-Threading, Synchronization, Exception Handling and Serialization.**
* Practical Knowledge on development, implementation and maintenance of large web/portal application systems using J2EE technologies (using **Core Java, Servlets, JSP, JDBC, JMS, Swing, Struts, Spring, Shell Scripting, Multithreading, Hibernate, XML).**
* Experience on **Hibernate as the back-end tool** for mapping of **POJO classes** and implementing **DAO** layers using JPA standards and **Hibernate** **API** interfaces.
* Developed web applications by implementing Model View Control (MVC) architecture using **JSTL and JSP** pages that interact with **Servlets 3.x** and **JMS.**
* Well versed in Web Development Technologies like **HTML, DHTML, CSS, XSLT, XML (SAX, DOM), Custom Tags, JAVA SCRIPT.**
* Experience in using **SQL** in Oracle, **MS SQL Server** for developing database to create its objects like tables, views, functions, triggers, RDBMS Design, DB normalization, ER modeling, **SQL, PL/SQL**, procedures, cursors, functions and stored procedures packages along with knowledge on**SQL Queries**. And having knowledge of **NoSQL databases like MongoDB, Cassandra**.
* Well versed in using **RDBMS concepts** with **Oracle 10g/11g, MySQL and experienced in writing SQL, PL/SQL Stored procedures.**
* Extensive experience as a User Interface/Front End Developer in developing web applications using **HTML, XML, CSS, Java Script, jQuery, AJAX, AngularJS and ReactJS.**
* Experience in building **MEAN** applications using **MongoDB, Express.JS, Angular-JS, Node-JS,** creating**RESTful Web**services with**Node-JS, Express-JS** and installing client-side dependencies using Bower.
* Having Extensive experience on **MVC** using **Oracle Application Development Framework** Oracle **ADF** and **JDeveloper**. Good knowledge of **ADF architecture** and its components.
* Extensively worked on **developing UI** pages using **ADF** Frontend components, page fragments.
* Practical knowledge of frameworks like **Spring Dependency Injection, Spring MVC, Spring JDBC, Spring DAO (Spring JDBC, Spring ORM), Spring AOP, JSP, Struts, JSF, Hibernate.**
* Implemented **Spring MVC framework** to develop and configure the views and controller of **Spring MVC** implemented database persistence and integrated the web application with the persistence layer.
* Experience in the development of **Enterprise Java Beans (EJB)** includes **stateful, Session Beans, Stateless Session Beans** and **Message Driven beans.**
* Proficient in building web applications using Spring framework features like **MVC, AOP, IOC, DAO and Template classes**. Worked on **Spring AOP for Logging, Transactions and Messaging.**
* Expertise in **Struts**, **Spring IOC, Spring MVC, Spring Data, Spring Boot, Spring Security** and other spring frameworks implementation and integration.
* Experience on working with **CSS Background, CSS Layouts, CSS positioning, CSS text, CSS border, CSS margin, CSS padding, CSS table, Pseudo classes, Pseudo elements and CSS behaviors in CSS.**
* Experienced in moving data from different sources using **Kafka** producers, consumers and preprocess data using Storm topologies.
* Developed Web application using **RESTFUL web services** and responses are in XML, JSON format.
* Experience working on **Web Services SOAP & REST, JAX-WS, JAXB, WSDL** and **UDDI** registry.
* Expertise in implementing **Service Oriented Architectures (SOA)** using XML based Web Service such as **SOAP, UDDI and WSDL.**
* Strong experience in configuring and deploying web Applications using different web/application servers such as **Web Logic 12.x/12c, WebSphere 8.x, JBoss 5/4, Apache Tomcat 8/7/6, Apache Camel.**
* Experience with Oracle Fusion Middleware products including **WebLogic Server, WebLogic Portal, WebLogic SOA Suite, WebCenter Content WCC.**
* Proficiently worked in programming by using the Integrated Development Environments such as **Eclipse**, **Net Beans, Spring Tool Suite**.
* Experiences with build tools include **Maven**, **Gradle** and **Jenkins**. **IDE** tools like**WSAD, Visual studio, Eclipse, Spring STS,** and **Borland JBuilder** and **Oracle JDeveloper**. Experience in using **Quartz** scheduler to create a jobs scheduling in many java applications.
* Experiencing in using Continuous delivery / Continuous Integration **(CD/CI)** tools **Docker**, **Jenkins** to deploy this application to **AWS** and used **GIT** for Version Control of code for incremental development.
* Highly experienced in using **Log4J** for extensible logging, debugging and error tracing also Worked on **Junit**, **Mockito, Selenium**for unit /integration testing of application components also involved in developing **Test plans, Test Cases (Manual/Automated), Test Procedures.**
* Expertise in exporting JUNIT scripts from **Selenium IDE** to Eclipse JUNIT Test Suites, creating new JUNIT test cases, modifying the **selenese** scripts and writing test suites using JUNIT.
* Extensively used **Building tools** such as **Maven** **3.x**, **Gradle.**
* **Strong communication and interpersonal skills** and a committed team player.
* Excellent **Client interaction and presentation skills** and have proven experience in **working independently** and in a team project.

**TECHNICAL SKILLS:**

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| Languages | JAVA 8/7, C, C++, SQL, PL/SQL, HTML, XML. |
| Web Technologies | **JSP, JavaScript, jQuery, AJAX, XML, XSLT, HTML, DHTML, CSS, JSON, Adobe Flex, Spring MVC, Angular JS, Angular 2.0,4.0.6.0, NodeJS.** |
| J2EE Technologies | **Servlets 3.0, JSP, JSTL, JMS, JDBC, Hibernate 4.x, Spring 4/3, JPA.** |
| Servers | **Apache Tomcat 8/7/6, WebLogic 12/11, WebSphere 8, JBoss 5/4, Apache Camel.** |
| Databases | **MySQL 5, SQL Server 2008, Oracle 10g/11g/12c, PostgreSQL, MongoDB.** |
| Web Services | **REST, SOAP.** |
| Operating Systems | **Windows 10/8/7/XP, Unix.** |
| Development Tools | **Eclipse, IntelliJ, Visual Studio, STS, NetBeans.** |
| Building Tools | **Maven 3.x, Gradle.** |
| Testing Tools | **Junit 4/5, Mockito, Selenium, Cucumber.** |
| Frameworks | **Struts, Spring, Spring Boot, Hibernate, JSF, JPA, Angular JS, Angular 2.0,4.0,6.0, Backbone JS, D3, Oracle ADF, React JS, NodeJS, Spring JDBC, Spring MVC, Log4J.** |
| Version Control Tools | **GIT, SVN, CVS, Bitbucket, Jira.** |

**WORK EXPERIENCE:**

**Option Care Health, IL October 2019 – Present**

**Sr. Full Stack Developer**

**Responsibilities**:

* Used**Agile/Scrum methodology** during application development.
* Used java concepts like **Collections**, **Generics**, **Exception** **handling**, **Concurrency** to develop business logic.
* Designed, coded, and configured server side **J2EE** components like **JSP, Servlets, JavaBeans, JDBC**, **XML.**
* Designed and Developed End to End customer self service module using annotation-based **Spring MVC, Hibernate, Java Beans and jQuery.**
* Used **Hibernate** as the **ORM** tool to communicate with the database.
* Used **JSTL** with **JSP** to access database and to process page markup and interface other server processes and programs.
* The front-end **JSP** pages were developed using the **Struts framework** and were hosted in a **J2EE** environment on an **Apache tomcat server**.
* Involved in building the application which works on mainly **Groovy grails, Html, CSS, Rest services, Java script, Spring, Maven, Hibernate.**
* Developed the Rich Responsive User Interfaces **(GUI)** using web technologies like **HTML, XHTML, JSP, JSTL, jQuery, JavaScript, AJAX, Spring MVC, Spring AOP** and **CSS** as per company’s **UI standards**
* Analyze **Cassandra** database and compare it with other open-source **NoSQL database** to find which one of them better suites the current requirements.
* Designed and implemented application using **JSP, Spring MVC, Spring IOC, Spring Annotations, Spring AOP, Spring Transactions, Hibernate, JDBC, SQL, Oracle.**
* Worked simultaneously in both **production and development teams** and took part in **designing and developing dynamic web pages** using **HTML5, CSS3, Bootstrap, SASS, JavaScript, jQuery, Angular and NodeJS** for single page applications.
* Used **Spring Boot** which is radically faster in building cloud Microservices and developed **Spring** based application with very less configuration.
* Involved and developed all phases of security implementation using **Spring security** system against all types of authentications: Database authentication and Pre-Authentication.
* Implemented **RESTFUL web services** using **Spring Boot** and consumed using **Spring REST services**.
* Designed and developed Business Services using **Spring Framework** (Dependency Injection) and **DAO** Design Patterns.
* Developed applications using **Spring MVC, IOC, AOP, JDBC, JPA, Spring Boot, Spring Cloud, and Spring Batc**h.
* Produced **RESTful** **Web** **Service** server with **spring**, set **JSON** data type between front-end and the service layer.
* Created **Validations** using **ADF** valuators to validate Required Field, Range, Length, Start Date less than End Date, handled various Exceptions using **oracle ADF**.
* Worked with **ADF binding**, Data Control and Databinding’s a wiring Framework between View and Controller Layer.
* Worked on **ADF security** and **ADF skinning** which is common for all the portals.
* Manual Execution of Test Cases for **Functional Testing**, **GUI Testing**, **Regression Testing**, **Smoke testing.**
* Worked on business and data base layer using the **Spring, and Apache Camel frameworks**.
* Implemented agent-server messaging dialog using **Camel and JMS** (Active MQ implementation).
* Used **Maven** and **Ant** **Scripts** in building the application and **auto deploying** it to the environment.
* Used **IntelliJ** as IDE and deployed into **JBoss 6.3 Application Server**. Also, used **Maven** build tool to achieve more functionality for build process.
* Installation of Storm and **Kafka** on 4 node cluster and written **Kafka** producer to collect events from **Rest API** and push them to broker.
* Used **Log4j** to capture the log that includes **runtime exception** and for **logging** info and are helpful in **debugging** the issues.
* Used Continuous delivery / Continuous Integration (CD/CI) tools **Docker**, **Jenkins** to deploy this application to **AWS** along with **GIT** for Version Control of code for incremental development.
* Used **Maven** as a build tool automating the **building, testing, publishing in executable file** and **Maven** will loading all the dependencies from their repository.
* Experience in **Integration of Amazon Web Services AWS** with other applications infrastructure.
* Involved in **Unit Testing** and **Bug-Fixing** and achieved the maximum code coverage using **JUNIT** test cases.
* Involved in the analysis and troubleshooting of issues which are tracked through **JIRA**. Involved with fixing the **defects** raised by the **QA** **team**.

**Environment: Java/ J2EE 1.8, Spring, Hibernate, RESTful Web Services, JBoss 6.3, JSP, JMS, JSTL, HTML, CSS, SQL, AngularJS 1.5, 2.0, JSON, POJO, Camel, Oracle 11g, Oracle ADF, Maven, SOAP, JIRA, Kafka, SVN, Log4j, JUnit, Mockito, GitHub, Stash, Docker, AWS EC2, Groovy, AWS ECS.**

**Orion Innovation, NJ April 2019 - September 2019**

**Full Stack Developer**

**Responsibilities:**

* Followed **Agile** methodology and involved in daily **SCRUM** meetings, sprint planning, showcases and retrospective.
* Developed **Services, Business Delegate, POJO, Controller, DAO** (implemented transaction management in DAO layer) and extensively used **Core Java collections, Generics, Exception handling, Design patterns and java 8 features like Lambdas and Streams for functionality**.
* Migrated the **Servlets** to the **Spring Controllers** and developed **Spring Interceptors**, worked on **JSPs, JSTL, and JSP Custom Tags**
* Involved in **Servlets, Java Bean programming** on the server side for the communication between clients and server.
* Responsible for writing **Struts action** classes, **Hibernate POJO** classes and integrating **Struts** and **Hibernate**with **spring** for processing business needs.
* Developing the application using **Spring MVC Architecture** with **Hibernate** as **ORM framework**.
* Developed user interface using **JSP, JSP Tag libraries, Spring Tag libraries** and **JavaScript** to simplify the complexities of the application.
* Involved in designing, developing, and testing browser compatible web application by using the **HTML5, CSS3, Bootstrap,** and **ReactJS.**
* Installed, configured, and managed the servers **(AWS, Tomcat, Apache, MySQL, MongoDB, Groovy, JIRA, Git, and Junit).**
* Experience in **spring’s IOC, DI, JDBC and AOP** and **Spring’s** integration with **Apache Camel**.
* Experience in developing the Two-Phase commit using **Spring and Apache Camel**.
* Designed & developed **JSP pages** using **JSTL, HTML & CSS.**
* Employing various research and **open source tools**, techniques, and best practices to identify relevant information from **Open Source**.
* Briefed various government stakeholders to include senior leaders on **open source** best practices and selected work products.
* Involved in writing **SQL queries** and stored procedures for the application in **Oracle** and Used **Oracle 10g** for running queries to confirm the results from the application.
* Involved in designing the database in **SQL Server,** developed the SQL queries using **joins, stored procedures, and triggers,** creating views, and updating code to **IBM Rational Clear case** for Source code control.
* Involved in developing code for obtaining bean references in **Spring framework** using **Dependency Injection (DI) or Inversion of Control (IOC).**
* Used **Spring Framework** at Business Tier and uses **Spring container** for initializing services and used **Spring Core Annotations** for Dependency Injection such as **Bean, Component, Repository, Auto wired** etc.
* Used **Java, JDBC, Servlets, JSP, JSTL** while enhancing the functionality and responsible for creating database tables on **Oracle DB**.
* Used **Spring Framework** and developed the Spring Features like **Spring Core, Spring IOC, Spring AOP**, **Spring Data Access and spring web test, Spring MVC, Spring DAO, Spring Boot and Spring Security**and**Spring Integration.**
* Worked with **RESTful** web services to fetch dynamic content from backend databases and created new **RESTful** web services using **Spring MVC** framework using **JSON** data format.
* Responsible for developing data pipeline by implementing **Kafka** producers and consumers and configuring brokers.
* **Kafka** integration with Spark using Spark Streaming API.
* Designed and developed **Caching and Logging service** using **Singleton pattern, Log4j.** Involved in Configuration and Usage of Apache **Log4J** for **logging** and **debugging** purposes.
* Experience in developing application in **Single Page (SPA’s)** using various **JavaScript frameworks** such as **Angular JS and React JS**.
* Used **CSS and JS code** and Built a real time **mouse/click user analytics web service** with **Node.js**
* Developed **SOAP based Web Services** for Integrating with the **Enterprise Information System Tier.**
* Used **Tomcat web server** for deploying the web content and all code was written using **the Eclipse IDE**.
* Used **Maven Builder** extensively for the code building and **smoke testing**.
* Hands-on experience in development of **Microservices**and deploying in **Docker**.
* **Eclipse** is used for development as IDE and involved in **Quality Control Activities** such as defect **tracking**, **fixing** using **JIRA**.
* Extensive working experience in setting up **WebLogic** cluster environment, including **WebLogic** Domains, Admin Servers, Managed Servers, and Node Manager.
* Provided **Log4j support** for the application for **debugging** the system.
* Performed Unit testing, bug fixing in **multiple environments (DEV/TEST/STAG/PROD)** and reproduced **bugs for fixing and code review** of individual modules in the application.
* Extensively used **JUnit** for **unit testing, integration testing** and **production** **testing**.

**Environment: HTML, CSS, JavaScript, Eclipse Kepler, Spring, Hibernate, SQL, WSDL, SOAP, SVN, Maven, Eclipse, JUnit, JDBC, JSP, JSTL, JSON, RESTful, log4j, MS SQL Server 2012, WebSphere, Camel, EJB, Kafka, Singleton, OAUTH, Groovy, JIRA.**

**Toyota, TX October 2017 – November 2018**

**Java/J2EE Developer**

**Responsibilities:**

* Involved in all phases of the Software development life cycle (**SDLC**) using **Agile** Methodology.
* Developed Use Case Diagrams, Object Diagrams and Class Diagrams in UML using Rational Rose.
* Used **AJAX** API for intensive user operations and client-side validations.
* Involved in writing **Spring** Configuration **XML** file that contains declarations and other dependent objects declaration.
* Developed user interface using **JSP**, **JSP Tag libraries**, third party libraries and **JavaScript** to simplify the complexities of the application.
* Inserted **Dependency Injection** between components using **Spring (IOC) concept**.
* Implemented Asynchronous messaging between components using **JMS**.
* Used **Multithreading** in programming to improve overall performance using **Singleton design patte**rn in **Hibernate** Utility class.
* Wrote Stored Procedures and complicated queries for IBM **DB2**.
* Implemented **SOA architecture** with **Web Services** using **SOAP, WSDL, UDDI** and **XML** using **CXF** framework tool/Apache Commons.
* Worked on parsing the **XML** files using **DOM/SAX** parsers.
* Designed and developed **Hibernate DAO’s** using **spring framework’s Hibernate Dao Support and Hibernate Template.**
* Involved in creating various **Data Access Objects (DAO)** for addition, modification and deletion of records using various specification files.
* Created tables, triggers, stored procedures, **SQL queries**, joins, integrity constraints and views for multiple databases, **Oracle 10g** using Toad tool.
* Involved in developing the Graphical User Interface using **HTML**, **JavaScript**, **CSS** and **JSP**.
* Involved in **Unit Testing, Selenium** of various modules by generating the Test Cases.
* Developed **Ant Scripts** for the build process and deployed in **IBM WebSphere**.
* Involved in Bug fixing of various modules that were raised by the testing teams in the application during the **Integration testing phase**.
* Implemented **Log4J** for Logging Errors, debugging and tracking using loggers, append components.
* Used Rational Clear Case for version control and Clear Quest for bug tracking.
* Performed deployment of applications on **IBM WebSphere Application Server**.

**Environment: Java, J2EE, SOAP, SOA,WSDL, JAX-WS, XML, JSF, JSP, DB2, AJAX, Hibernate 3, SQL, PL/SQL, Spring, Spring Batch, Oracle10g, JavaScript, CSS, Log4j, jQuery, JBoss Application Server, Maven, Eclipse, UNIX.**

**Coca Cola, GA June 2016 - September 2017**

**J2EE Developer**

**Responsibilities:**

* Developed application using **Java, J2EE, Spring, Hibernate, Angular JS and SOAP/REST webservices.**
* Worked on **Agile** Methodology, involved in daily **Scrum** meetings, sprint planning and product backlogs.
* Involved in business meetings with clients and code review meetings with team members.
* Written **Hibernate POJO** classes and **integrated Spring with Hibernate** for processing business needs.
* Developed model components using session beans and used **MDB to interact with session using EJB.**
* Implementation of the **Business logic layer for MongoDB Services**.
* Wrote Test Automation Script using **Java, Selenium WebDriver and TestNG** which performed sanity testing on every deployment performed in QA Environment and sent Email Notification on failure.
* Used **Apache Cassandra** database for scalability and high availability without decreasing the performance
* Used **Annotations** in **Spring to configure beans**.
* Created **XML** for deployment descriptors and integrated to validation files.
* Involved in the development of **SOAP and REST** Web Services and consumed some Web Services from external application.
* Implemented and maintained the monitoring and alerting of production and corporate **servers/storage** using AWS Cloud watch.
* Performed Data Driven Automation Testing using **SQL, JDBC connection, and Selenium WebDriver.**
* Generated the **web services** classes by using **SOA**.
* Described the location of the web services server and its functionality in **WSDL**.
* Developed the user interface with **jQuery** framework which included **HTML manipulation, CSS and AJAX** (for updating parts of webpage without reloading it)
* Written custom **filters and directives for the HTML5 using AngularJS code**.
* Modified **Oracle database with the use of JDBC managed by Hibernate**.
* Database objects lik**e Triggers, Stored Procedures** are writtenin **SQL** and made modifications to existing database structure as required per addition of new features using Database.
* Developed **JUnit** test cases for all the developed modules.
* Built and deployed the application using **Maven**.
* Written **Unit Test** Cases for all the developed use cases and did integration testing using **Junit**.
* Used **Log4j** for logging, debugging, and tracking.
* Used **Eclipse** as the **Java IDE** in the development of the application.
* Used **SoapUI** for functional testing of web service.

**Environment: J2EE, JDBC, Java 1.4, Servlets, JSP, Struts, Hibernate, Web services, SOAP, Design Patterns, MVC, HTML, JavaScript 1.2, WebLogic 8.0, XML, Selenium, TestNG, GIT, JUnit, Oracle 10g, Web Sphere, My Eclipse.**

**Computer Sciences Corporation, India June 2015 - May 2016**

**Java Developer**

**Responsibilities:**

* Collaborate closely with business owners, users, project managers, requirements analysts, testers, and other stakeholders in the **software development process**.
* Developed **Servlets** to perform business logic and to interact with the database using **JDBC.**
* Designed, coded, and configured server side **J2EE components** like **JSP, Servlets, JDBC, XML.**
* Developed the presentation layer written using **JSP, HTML, CSS** and client-side validations were done using **JavaScript, and jQuery.**
* Used **JSTL with JSP** to access database and to process page markup and interface other server processes and programs.
* Used **Selenium Grid** for cross platform and cross browser testing by running the Test Scripts on various virtual machines.
* Created Automation Scripts for Functional and Regression testing using **Selenium**.
* Created an End to End Hybrid Framework using **Java, Selenium and TestNG.**
* Developed **SQL** queries for retrieving data used to generate the reports and Stored Procedures, Triggers on **Oracle Database.**
* Used **Tomcat**Application Server for development purpose.
* Performed application development using tools like **IntelliJ, JUNIT, Clear Case and ANT** for building application.
* Used software configuration management and **version control** tool - **GIT**.

**Environment: J2EE, JDBC, Java 1.4, Servlets, JSP, Struts, Hibernate, Web services, SOAP, Design Patterns, MVC, HTML, SQL, JavaScript 1.2, WebLogic 8.0, XML, Selenium, TestNG, GIT, JUnit, Oracle 10g, Web Sphere, My Eclipse.**

**Axis Bank, India January 2014 – May 2015**

**Jr. Java Developer**

**Responsibilities:**

* Followed **Agile** methodology and involved in daily **SCRUM meetings, sprint planning, showcases and retrospective.**
* Actively involved in **full software development life cycle** starting from requirements gathering and performing Object Oriented Analysis.
* Extensively use of **Core Java** features including **Collection Framework, Exception Handling**, **Multi-threading,** and **annotation**
* Created tables, triggers, stored procedures, **SQL queries**, joins, integrity constraints and views for multiple databases.
* Involved in developing the rich responsive Graphical User Interface **(GUI)** using **HTML, JavaScript, CSS and JSP.**
* Worked on **Junit**, **Mockito, Selenium**for unit /integration testing of application components and involved in developing **Test plans, Test Cases (Manual/Automated), Test Procedures.**

**Environment: HTML, CSS, Bootstrap, JSP, Servlets, Java Script, XML, XSL, JDBC, J2EE, Servlets, SQL, JUNIT.**

**EDUCATION: Master’s in Information Technology: Valparaiso University.**

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