**Tarun Udar.**

**Sr. Full stack Developer.**

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**SUMMARY:**

* Highly motivated software professional with over 10 **years** of experience in designing, development, testing and implementation of various desktop and web-based applications using **Java, J2EE and Web based technologies**.
* Experienced in all phases of **SDLC** (analysis, design, development, testing and deployment).
* Excellent skills in developing web-based applications using **Spring framework**, **Spring Boot**, **Micro Services Architecture**, **Spring Core,** **Hibernate**, and used Programming languages like Object Oriented Programming Java, CORE Java, PL/SQL.
* Experience on J2EE technologies including **Core Java, Servlets, JSP, JDBC, Struts** and **EJB**
* Experience in working with the presentation layer using **HTML5, CSS3, JSP, Custom Tag Libraries, JavaScript, Angular and React.**
* Strong hands-on experience with **Spring IO**, **Spring Batch** and **Spring MVC.**
* Experienced in developing **Spring REST** **Web** **services** in a **microservice** based architecture utilizing **AWS**.
* Strong Hands-on experience with **Java 8, 11, 17** features.
* Expertise in Single Page Applications development (SPA) using **Angular 10.**
* Good exposure on cross platform migrations from Oracle to **PostgreSQL.**
* Proficient in database support, research, process automation, documentation, patching and upgrades, database performance tuning, backup/recovery, data migration and database security.
* Hands-on experience in designing by using **HTML**, **CSS**, **JavaScript**, **Bootstrap**, **Angular**.
* Developing and designing the API using **Swagger** API definition that helps Consumer Driven Contracts with focus on Consumer expectation.
* Experienced with JDBC and ORM API’s in manipulating databases and configuration of data sources in application server. Used **Hibernate** and **Spring Data JPA** to connect to databases like Oracle, PostgreSQL, MongoDB and AWS DynamoDBtostore, delete, manipulate, andretrieved data from them in applications.
* Extensively used **Postman** for testing **RESTful** web services.
* Experienced in using various design patterns such as **MVC** (Model-View-Controller), Multi-Threading, Singleton, Session Facade, Service Locator, Factory and Business Delegate in the development of multi-Tier distributed Enterprise Applications.
* Worked on CI/CD tools like Jenkins to package, build and deploy the code in various environments.
* Hands on work on all aspects of web application like maintaining, testing, debugging, and deploying. Proficient in logging mechanisms such as LOG4J.
* Tracking the versions of key system artifacts and source code in version control software using GitLab.
* Experience in Microservices Architecture with Spring Boot and Docker.
* Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers.
* Experienced in AGILE and SCRUM methodologies.
* Extensively used Junit, Mockito for unit testing.
* Experience on working with Amazon Web Services like EC2, S3, Amazon Dynamo DB, AWS Cloud Watch, Amazon EBS and Amazon Cloud Front.
* Experience in cutting edge J2EE development tools including Eclipse and Spring Tool Suite.
* Excellent communication skills and exceptional ability to quickly master new concepts and a proactive team player with good analytical and ability to perform at a high level, meet deadlines, adaptable to ever changing priorities.
* Implementing JSON Web Token and using spring security
* Used RabbitMQ for message posting
* Worked on both Spring MVC and Spring Reactive

**EDUCATION:**

* **Bachelor of Engineering in Information Technology from Apeejay College Of Engineering, Sohna (2011)**

**PROFESSIONAL EXPERIENCE:**

**Client: NielsenIQ, Chicago, Illinois Apr 2021 to Present**

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

Responsibilities:

* Responsible for gathering requirements from the client business unit by participating in design discussions and implementation feasibility analysis with business analysts at all levels.
* Involved in the Software Development Life Cycle (**SDLC**) phases like Requirement Analysis, Implementation and estimating the timelines for the project.
* Involved in developing front end screens using JSF, jQuery, XHTML, HTML5, CSS, AJAX and JavaScript. Also, involved in adding the Internationalization to the existing application.
* Implemented **JavaScript** **MVC** **pattern** for the web presentation layer.
* Developed user interface by using the **React**.**js**, **Redux** for SPA development.
* Involved in responsive design and developed a single ISOMORPHIC responsive website that could be served to desktop, Tablets and mobile users using React.js
* Developed client-side Interface using React.js
* Used latest web technologies React.js, **Redux**, **Babel**, Node and Web-Pack to create a Single Page Applications.
* Used **ReactJS** components, **Forms**, Events, Keys, Router, Animations and Flux concept
* Good Understanding of Document Object Model (**DOM**) and DOM functions compatibility.
* Working with **ECMA** **Script** **6** features. For build of JSX and ES2015(ES6) used Babel, webpack
* Implemented the Drag and Drop functionality using React-Draggable.
* Developed **server**-**side** components as micro services to interact with database using Spring Boot and Hibernate.
* Used **Restful** **web** **services** to call for POST, PUT, and DELETE and GET methods.
* Experience in deploying the microservices using **Docker** container and ability to setup continuous integration and deployment pipeline using Jenkins with GitHub on AWS or any Cloud Service.
* Used Orchestration container **Kubernetes** for load balancing and to schedule the tasks across the computer cluster and load balancers for backend API services.
* Used **jQuery** plug-ins for Drag and Drop, Widgets, Menus, User Interface and Forms.
* Designed and developed Restful Web API's using Node.js, **Oracle** and **SQL** **Server**.
* Worked closely with SQA team in fixing the reported bugs/defects and checking cross platform compatibility.
* Designed **CSS** based page layouts that are cross-browser compatible and standards-compliant.
* Used **GIT** for version controlling in designing. Followed industry best practices and web standards.

**Environment:** HTML5, CSS3, SASS, JavaScript, jQuery, jQuery UI, AJAX, JSON, Bootstrap, React.js, Redux, Node.js, Typescript, Agile, Java, Spring Boot, Microservices, Oracle, SQL Server, MVC, DOM, Maven, Kubernetes, Docker, Gulp and IntelliJ.

**Client: Airtel, Delhi - Apr 2020 to Mar 2021**

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

**Responsibilities:**

* Participated in requirement gathering and framework implementation sessions through Agile TDD methodology.
* Designed and developed Application based on Spring framework using MVC.
* UI Layer implemented with Struts, Struts validation, JSF, jQuery, JavaScript, AJAX, CSS and HTML.
* Extensively used Core Java such as Exceptions and Collections.
* Used AngularJS as the development framework to build a single-page application.
* Added security features to the application using HTTPS and also password security features.
* Created DAO classes for invoking stored procedures/queries to retrieve from Oracle database.
* Used Maven framework to develop automated build scripts.
* Employed Hibernate as a persistence mechanism to implement object relational mapping.
* Used SOAP based messaging format to transfer requests and responses and validated the request and responses against XML Schema Definition.
* Developed PL/SQL scripts for data conversion.
* Used Jenkins to build and deploy the application and GitHub for code repository and version control.
* Written and executed several stored procedures, triggers, packages, views, and functions using the SQL Developer tool.
* Used Postman to test the API workflow tested on the JSON files.
* Used Kibana, Grafana, and Splunk to monitor the logs and maintain the reports.
* Created and injected Spring services, Spring controllers, and DAOs to achieve dependency injection and to wire objects of business classes.
* Worked extensively on developing controllers, Interfaces, and implementation classes using Spring MVC framework &amp; used a Microservice architecture with Spring Boot based service through REST.
* Involved in Migrating existing applications into REST based Microservices to provide all the CRUD capabilities using Spring Boot.
* Implemented and designed AWS virtual servers by Ansible roles to ensure deployment of web applications
* Developed, debugged, integrated, and deployed applications using Eclipse (IDE) and used GIT aVersion Control.
* Scaled the component interactions and generalized the interfaces using Restful web service.
* Worked on Eclipse for development and deployment of application in Web Logic Application Server.
* Used Log4j for application logging and debugging.
* Used Jira to access and track the bugs or defects.
* Used GIT as source control tool.
* Used Junit to implement test cases to test modules.

**Environment:** Java 1.5, Spring 3.0, JSF 2.0, JIRA, Log4j, AngularJS, XSD, Maven, Hibernate 3.0, Servlets, SOAP UI, SOAP Web service, Web Logic Application Server, Oracle 11g, PL/SQL, Rational Rose, Git, WSDL, JAXB, HTML, CSS, JUnit, JIRA

**Client: HNI , Muscatin, Iowa June 2017 – Dec 2019**

**Role: Senior Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) such as requirements gathering, modeling, analysis, design, development, and testing.
* Developed the view-controller components using **JSPs**, **HTML5**, **CSS3**, **jQuery**, **AJAX**, **and JavaScript**.
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in **AngularJS**.
* Hands-on experience in developing integration with **Elastic search** in any of the programming languages like **JAVA** and **JavaScript**. Having knowledge of advance reporting using **Elastic search** and **NodeJS**.
* Implemented **core** features of **AngularJS** framework such as dependency Injection, Data-binding, Filters, Directives, Templates, Services and Deep Linking Designing.
* Used **Java** **8** features like stream and Lambda expressions.
* Maintained **Interface** compatibility and **concurrency** in the project using **Java 1.8** new features like default, static methods and Concurrency API.
* Developed the monolithic application and involved in migrating existing monolithic application into **Micro Service Architecture** based **RESTful Service** and deployments were done on **AWS.**
* Designed and developed **Micro Services** business components using **Spring Boot.**
* Implemented the application using **Spring IOC, Spring MVC, Spring Boot, Spring Security** and **Hibernate.**
* Used **Hibernate** **ORM** **framework** as persistence engine and wrote **Hibernate** **Queries** to automate the mapping between **Oracle** database and **Objects** in **Java**.
* Involved in writing **SQL** and **Stored Procedures** for handling complex queries with help of **TOAD** and access them through Java Programs from **Oracle Database**.
* Worked with **MongoDB** to store non-relational data into collection and retrieve them whenever required.
* Used **WebLogic** server to route our **JMS** queue messages to different business floors and configured routes in **WebLogic** and used **JMS** in e-mail notification.
* Hands on Coding to build **REST Micro Services** using **Spring Cloud, Oracle, XSD, JSON, Spring Config, and Jenkins.**
* Focused on **Test** **Driven** **Development** there by creating detailed **JUnit** tests for every single piece of functionality before writing the functionality.
* Performed automation testingandauthored test scripts using **Selenium Web Driver, Selenium Grid and JUnit.**
* Worked in **Agile TDD** environment using SDLC tools like **GIT, Jira, Jenkins**, **and Maven** for build packaging and deployments of the application components.

**Environment:**Agile methodology, Java 1.8, J2EE, HTML5, CSS3, JavaScript, jQuery, Ajax, AngularJS Hibernate, Spring, XML, JSP, JAX-RS, Spring AOP, Spring Security, Spring Boot, Oracle, MongoDB, JSP, Micro Services, AWS IAM, EC2, S3, RDS, SQS, Docker, JMS, GIT, JIRA, PL/SQL, STS, JUnit, Log4J, Web Sphere Application Server.

**Client: Tata Consultancy Services, India March 2016 – June 2017**

**Role: Java Developer.**

**Responsibilities:**

* Developed the user environment page**.**
* Developed the application based on **MVC** architecture.
* Developed web application using **JSP, Servlets, Java beans** that uses **MVC** design pattern.
* Created user-friendly GUI interface and Web pages using **HTML, CSS** and **JSP.**
* Wrote **JavaScript** for client-side validation.
* Used Java Fundamentals and **OOPS** concepts like inheritance, polymorphism, abstraction to develop the code.
* Used React-Router to create a single page application. Applied Router Guard to deny unauthorized access.
* The application uses the STRUTS framework. The Views are programmed using JSP pages with the Struts tag library, Model is a combination of EJB’s, and Java classes (Form and Action classes) and Controllers are Servlets.
* Implemented J2EE design patterns like Front Controller, Service Locator, DAO, and Session Facade.
* Developed Facade classes to encapsulate the business logic and hide the implementation details of the data access classes and EJBs.
* Developed web UI with JSP, JSTL, Struts custom tags and provided client-side validations through JavaScript.
* The controller uses XML mappings in struts to map the request to the server-side functionality
* Developed presentation tier using JSP/Servlets and custom tags in MVC architecture.
* Implemented client-side validations using JavaScript.
* Involved in migration of WebLogic Application Server. Configured WebLogic resources like JDBC providers, JDBC data sources, connection pooling, and Java Mail sessions.
* Used XSLT for transforming the XML content into HTML.
* Implemented **core java** concepts like **Multithreading**, **Exception Handling** and **Collection** wherever necessary.
* Used **Eclipse** as IDE tool for creating **Servlets, JSP,** and **XML.**
* Wrote **SQL** for **JDBC** prepared statements to retrieve the data from database.
* Monitored the logs using **Log4J** and fixed the problem.
* The Application was deployed on **Apache Tomcat Server**.
* Involved in build and deploying the application using **ANT.**
* Used Configuration Management Tools for version control which is built on **CVS.**
* Worked on bug fixing and Production Support.

**Environment:** Java, HTML, CSS, JavaScript, JSP, Servlets, JDBC, MVC Design pattern, Swing, Log4J, Apache Tomcat server, MySQL, Eclipse IDE, CVS, ANT, Log4J.

**OLPICS (CMC Ltd, A TATA Enterprise), Mumbai, India May 2011 to Feb 2016**

**Java Developer**

**Responsibilities:**

* Involved in business **requirements** **gathering**, **analysis** and **design** implementing the waterfall methodology.
* Coordinating with Project Manager for getting the requirements and developing the code to support new applications.
* Providing **Java** programming support for existing and new applications.
* Developing Web applications using **Java**, **J2EE** and **Hibernate**.
* Developing Action Form classes, Form beans, and Action classes using struts.
* Used **spring** **framework** for **dependency** **injection** and integrated with Hibernate and Struts.
* Involved in writing **Spring** **Configuration** XML files that contains object declarations and dependencies.
* Implementing **MVC**, **DAO**, **J2EE** design patterns as a part of application development.
* Developing DAO interfaces for hibernate to interact with databases.
* Designing the front end using **JSP**, **HTML**, **CSS** and **JavaScript** as per the requirements that are provided.
* Using Java script and **Struts** validation framework for performing front end validations.
* Coding and maintaining Oracle packages, stored procedures and tables.
* Participating in project design sessions to document technical specifications and to provide design options and solutions.
* Working on Web technologies including **Tomcat**, **Apache**, **Http**, **Web** **service** **architectures**.
* Migrating web application from Tomcat to web sphere deployment environments.
* Using **SVN** for software configuration management and version control.
* Preparing test cases and strategies for unit testing and integration testing.

**Environment:** Java 1.5, JSP, Servlets, Struts 1.2, Spring 2.0, Hibernate, JUnit, JavaScript, HTML, CSS XML, Oracle 11g, DAO, SOAP, SVN.

**TECHNICAL SKILLS:**

**Languages and Scripts**: Java, JavaScript, SQL

**J2EE Technologies:** Servlets, JSP, JSTL, JDBC, JMS, JPA

**Frameworks/ Tools:** Angular, Spring, Spring Boot, Swagger, WSO2, Hibernate, Junit, Kibana, Splunk

**Web Services**: JAX-WS, SOAP, WSDL, and RESTFUL Web Services

**Web Technologies:** HTML, CSS, JavaScript, Angular, jQuery, XML, JSON

**Databases:** Oracle, MySQL, MongoDB, PL/SQL

**Web/Application Servers:** WebLogic, WebSphere Application Server, Apache Tomcat

**IDE tools:** Eclipse, NetBeans, Spring tool Suite

**Design Patterns:** MVC Architecture, J2EE Design Patterns

**Operating Systems:** Windows, Linux, MAC, and Unix

**Methodologies:** Agile, Scrum, Test Driven

**Build tool:** Maven, Ant

**Version Control:** Tortoise GIT, GIT