**Vishal Umeshkumar Patel**

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**PROFESSIONAL SUMMARY:**

* Over 6+ years of experience as a Software Developer involved in Object-oriented analysis, Design, Development, Testing, Implementation, and maintenance of web bases.
* Experience in Core Java with strong understanding and working knowledge of OO Concepts like Collections, Multi-Threading, Exception Handling and Polymorphism.
* Proficient in **Java**/**J2EE** Design Patterns like Singleton, command, object pool, session facade, Model View Controller (**MVC**), Data Access Object (**DAO**).
* Excellent knowledge and experience of developing applications with MVC using Struts framework and Spring framework.
* Expertise in developing and updating a web page quickly and effectively using **HTML5, CSS3,** Bootstrap and **jQuery** with the webpage Cross Browser Compatibility and Responsive Web Design.
* Involved in development of **SOAP** based web services using **WSDL**, **SOAP**, **JAXB**, **CXF**, AXIS, JAX-WS and Restful web services using **JAX-RS**, **CXF**.
* Manage and monitor large production **MongoDB** shared cluster environments having terabytes of the data.

**Technical Skills:**

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| **Languages:** | Java, SQL, PL/SQL, C, C++ |
| **Java/J2EE Technologies:** | J2EE, Servlets, JSP, EJB, JSTL, JDBC, JSF, JavaBeans, Struts, MVC, Hibernate, Spring, Log4j, XML, JMS, JNI, Junit, Web services and Custom Tags. |
| **Web Technologies:** | HTML, JavaScript, CSS, AJAX, XML, JSP,2/4/8/10. |
| **Frameworks and IDE's** | Spring, Hibernate, JPA, **Spring Boot**. |
| **Application Servers:** | Apache Tomcat, WebLogic, WebSphere, JBOSS. |
| **Databases:** | Oracle, SQL Server, PL/SQL and My SQL, **MongoDB.** |
| **Operating Systems:** | Windows, Linux, UNIX. |
| **Web Services:** | WSDL, SOAP, JAX-WS, JAX-RS and REST API, **AWS**, **Microservices**. |
| **Version Control Tools:** | SVN, Git hub, CVS. |
| **Build Script:** | Maven, Ant, Jenkins. |
| **IDE's:** | Eclipse, NetBeans, Spring. |
| **Methodologies:** | Agile, Waterfall, SDLC, Iterative. |

**Professional Experience:**

**Client: American Express, Fort Worth, TX Date: May 2021 – July 2023**

**Role**: **Full Stack Developer**

Responsibilities:

* Worked with HTML5, CSS3, JavaScript, XML, JSON, AJAX, and Bootstrap.
* Proficient in writing react code with help of ECMAScript (ES6) and JSX. Implemented
* Virtual Dom for Client-Side view rendering services using React Js.
* REACT JS Virtual DOM used for client-side view rendering services, React-Redux for state management and React-Router for programmatic navigation.
* Involved in the creation of UI specification documents by interacting with business users and design documentation and data modelling for the entire project.
* Expertise in using React.js/Redux to build User Interface, strong knowledge of state store, middleware, action creator, reducer and container.
* Developed user interface by using ReactJs, Redux for SPA development and implemented client-side Interface using ReactJs.
* Created responsive design and developed a single responsive website that could be served to desktop, Tablets and mobile users using ReactJs.
* Implemented Pagination Components on UI using REACT Material designing. Used Rounded Pagination to display data in multiple pages.
* Worked with Microservice architecture using Spring Boot to modularized code and implemented Rest API’s and integrated Swagger API for documentation.
* Implementation domain base classes providing basic properties using Spring Data.

**Environment**: AWS, AWS Load Balancer, EC2, Amazon DynamoDB, Swagger, Web pack, ECMA6,Spring, Spring Boot, ZUUL, Micro services Microservices, Docker, Cassandra DB, OAUTH, Apache, Kafka, Splunk, Kubernetes.

**Client: Nissan, Irving, TX Date: February 2018 – April 2021**

**Role**: **J2EE Developer**

**Responsibilities:**

* Interacted with the Business Analyst team during requirement gathering and participated in regular team meetings for proper communication and to resolve the issues.
* Implementation of the design wireframe using Angular 10 and creating services and exposing it to the backend which runs on Spring Boot. Here we also have another layer that makes use of NodeJS mainly used for authentication, authorization, and session maintenance.
* Implemented customer side validations using Angular 10 and created services on UI for storing and retrieving data from UI to the backend.
* Developed key services for authorization and authentication in Node server, where we used LDAP. Later migrated the authentication from LDAP to Ping Access-SSO (Single Sign On) Application.
* Created sessions for Login users and setting sessions timed out for the entire UI application.
* Strong understanding on client-side application and very good at attaining the architectural design for MVC using directives, promises and pipes.
* Involved in innovation of the current UI to make an implementation under mobile device access using cross platform technologies such as Ionic which helps in improving the business.
* Involve in development, design and implementation of the front-end application using HTML5, CSS3, AJAX, Bootstrap 4.0.
* Worked on UI for Layered Security and S&L modules and hands on experience with Spark streaming to receive real time data using Kafka.
* Worked on extracting event data from the front-end using Kafka REST proxy and knowledge on RabbitMQ.

**Environment:** Java 11/J2EE, Agile, Scrum, Angular10, HTML5, CSS3, TypeScript, XML, AJAX, Spring boot, Hibernate, Micro-Service, AWS, Docker, Kubernetes, Restful Web, MongoDB, Oracle, Kafka, Servlets, Tomcat, Log4j, Junit, JSON, Eclipse IDE, GIT, Maven and Windows.

**Client: All State, Chicago, IL Date: March 2017 – January 2018**

**Role: Java Developer**

**Responsibilities:**

* Worked on multiple databases including MySQL, MongoDB, and Cassandra.
* Schema design and deployment for both RDBMS and NOSQL databases.
* Programmatic usage of RDBMS and NOSQL database APIs including Hector and Cassandra clients.
* Built servers using AWS which includes importing necessary volumes, launching the EC2 instance, creating security groups, auto-scaling, load balancers, Route 53 and SNS as per the architecture.
* Created multiple Kubernetes Clusters in AWS and deployed a Docker Image on top of Kubernetes Cluster for testing purposes.
* Created Amazon Machine Images (AMI's) of EC2 Instance for snapshots and created clone's instances for their application elsewhere.
* Used Apache Maven build tool to automate the build process and Jenkins CI for continuous integration.
* Provided solutions to improve performance on multi-threaded processes and controlling the load on downstream API calls. After which there were no hung threads found in the application server logs.
* Developed the application using SCRUM methodology, participated in Scrum meetings where we would demo all the user stories done during that iteration for final feedback from end users.

**Environment:** Spring, Hibernate, WebLogic, JSP, Hibernate, Log4J, JUnit, JSF, ANT, JavaScript, HTML, CSS, AJAX, Angular 4, Bootstrap, AWS, Node JS, MongoDB, Oracle, Rational Clear Case, Micro Services, Cloud, Rational ClearQuest.

**Education Details**

**Bachelor’s in computer science  from TEXAS WESLEYAN UNIVERSITY, FORT WORTH, TEXAS**