**SHALINI PATIL**

469-242-2355 | [patilshalini1006@gmail.com](mailto:patilshalini1006@gmail.com)

**Summary:**

* 6 years of experience in working on the various phases of Software Development Life Cycle like requirements analysis, design, coding, testing, debugging and maintaining the websites.
* Expertise in **Agile** Software Development Methodology
* Experience in designing and developing **User Interface** (UI) applications and professional web applications using Java, **HTML5, XHTML XML, jQuery, AJAX, JSON, JavaScript, CSS, Bootstrap**, **JSP, Servlets and Angular 4** with client scripting and server side scripting languages like **JavaScript, jQuery, JSON, D3.js,** **Leaflet.js** and **JSP**.
* Extensive experience in building enterprise Applications and Distributed Systems using technologies such as **Core Java, J2EE** (**Servlets, JSP, EJB, Hibernate, spring, Struts, JDBC, JMS**) and **XML**
* Expertise in developing data models using **Hibernate** Object relational mapping (ORM)
* Expertise in Object Oriented Analysis (**OOA)** and Object Oriented Design (**OOD)** using **UML** (Unified Modeling Language).
* Expertise in designing, developing applications using **Struts** Frameworkand configured the **validation framework** for validations and **Tiles framework** for layout management.
* Extensively experienced in developing light weight and integrated business applications using **Spring** Frame work.
* Experience in implementing the declarative enterprise services using **Spring AOP.**
* Experience in designing **REST** and **SOAP** web services.
* Experience with web server **Apache Tomcat** and **Web Sphere.**
* Experience in built tool **Maven.**
* Experience writing **ANT** scripts, and used **Maven** tool to build and deploy J2EE Applications.
* Experience in unit testing the applications using **Junit** and **Mockito** Framework.
* Good experience in writing **SQL Queries**, Stored Procedures, functions, packages, tables, views, triggers and data connectivity and data integration of **MS SQL Server**.
* Experience on designing and creating databases in Oracle 10g, 11g, SQL server 2005/2008.
* Configure and monitor numerous **MongoDB** and NoSQL instances
* Experience in using Version Control Systems like CVS, SVN, and GIT.
* Sound skill in Swing **MVC architecture, design patterns, Collections Frameworks, Exceptions handling** and **multi-threading**
* Exposure and working knowledge of business analytical tools **Splunk** and **Tableau**.
* Good Knowledge of using IDE Tools like **Eclipse, NetBeans** forJava/J2EE application development and Visual Studio for C#.
* Experience in designing, developing and implementing **E-Commerce, B2B, standalone** applications using J2EE technologies in **Retail**, **Manufacturing** and **Insurance** domains.
* Good interpersonal skills, excellent verbal, written and presentation skills and can work both independently and in a team

**Technical Skills:**

* **J2SE Technology :** Multithreading, Reflections, Collections, Serialization, Networking, Beans JDBC,

Hibernate, JSP, Servlets, EJB, JMS, Java Swing, JavaBeans, JUnit

* **J2EE Technology :** Servlets, JSP, JDBC
* **Version Control :** SVN, GIT and CVS
* **Architecture & Framework :** MVC, Struts, Spring, Hibernate
* **Web Services :** REST, SOAP
* **Database :** Oracle 10g, 11g, SQL server 2005/2008, MySQL
* **IDE :** Eclipse, NetBeans, Visual Studio
* **Operating Systems :** Windows 9x/NT/XP/2003/7/8, Linux, UNIX
* **Web/App Servers :** IBM Web Sphere 4.0 and 5.X, Tomcat
* **Tools :** Eclipse, IntelliJ, Maven
* **GUI :** HTML5, XML, XSD, AJAX, JavaScript, Node.js, Angular JS/2/4, JQuery, CSS3
* **Query Languages :** SQL, PL/SQL, Oracle, MongoDB, No SQL, Splunk Query
* **Programming Language :** C, C++, Java, J2EE
* **Tools :** Maven, ANT, Junit
* **Cloud Computing :** IBM Bluemix

**Education**

**M.S** in Computer Science

**B.E** in Computer Engineering

**Professional Experience**

**Humana, Louisville, KY January 2017 - Present**

**Software Developer**

**Description:** My responsibility includes designing business logic for patient insurance web portal. Web portal has functionality such as login/logout, update user info, change/update insurance plane, GUI for calculating insurance deductibles, process payment, provide suggestion list for nearest provider of health services.

**Responsibilities:**

* Designed and developed applications using **Agile** Methodology.
* Involved in all phases of Software Development Lifecycle (**SDLC**) including Requirements Collection, Analysis, Development and Customization of the Application through **Agile TDD methodology.**
* Extensively used **Core Java API, Spring API** in developing the business logic.
* Designed and developed web pages using **HTML, CSS, JSP, JavaScript, and XML.**
* Developed applications using **Angular 4 single page applications** SPAs to improve page performance.
* Used **XML** and **JSON** for transferring/retrieving data between different Applications.
* Used **JavaScript, Angular 4, and AJAX** technologies for front end user input validations and Restful web service calls.
* Data Operations are performed using **Spring ORM** wiring with **Hibernate** and Implemented Hibernate Template and criteria API for Querying database.
* Implemented **Spring AOP** module to implement the crosscutting concerns like **logging, security, Declarative Transaction Management.**
* Implemented the security for service layer methods using **Spring Security.**
* Responsible for developing **XQuery** and Java code to create **REST web services**.
* Designed and Developed Representational state transfer (**REST**) based services and Simple Object Access Protocol (**SOAP**) based services as part of the requirement.
* Implemented DAO layer using **JPA (Hibernate framework)** to interact with **Oracle 11g** database.
* Configured and deployed the application using **Tomcat and Web Sphere**.
* Configured local **Maven** repositories and multi-component projects and scheduled projects in **Jenkins** for continuous integration.
* Developed **ANT** scripts, and used **Maven** tool to build and deploy J2EE Applications.
* Developed **UNIT test cases** using **JUnit** and configured them through **Maven** **surefire** **plugins** to be part of continuous integration.
* Used **Splunk** for logging error/debug messages and managing them.
* Extracted metadata from server and organized into custom fields by using regex into relational data model.
* Generated user behavior analytics using Splunk and created visualization dashboards and alerts.
* Worked closely with the clients and also interacted with the vendors/data providers to ensure successful project execution using strong verbal communication skills within the given time limit.

**Environment:** Java, J2EE, Spring MVC, JavaScript, HTML5, CSS3, Hibernate, Angular 4, SOAP, REST, WebLogic, JQuery, AJAX, JSP, servlet, Mongo DB, Oracle, CRUD, PL/SQL, JDBC, UML, Eclipse, Junit, MAVEN, Agile Scrum, SVN, Splunk.

**Cummins, Columbus, IN January 2014 – November 2016**

**Jr. Software Developer**

**Description:** Cummins Inc. designs, manufactures, sells and services diesel and alternative fuel engines and diesel and alternative-fueled electrical generator of different capacities. Cummins web portal for distributor maintains all records of customer, sells and products at different location. Developed front end and back end for Cummins distribution division.

**Responsibility:**

* Responsible for writing J2EE compliant java code for application development effort which involved working with **JSP, Servlets, JDBC, XML, EJB**, etc.
* Design and Development of Objects using Object Oriented Design in Java.
* Used **Angular 2** to build customer forms connect to backend.
* Developed web pages using **JSTL, JQuery, JCP, JSP, Spring MVC, Spring IOC, Spring JDBC, Web services**
* Configure beans in spring configuration file with **Spring IOC, Spring AOP** concepts.
* Used a light front-end framework against the **JSON API** for their service requests.
* Worked on **XML** Technologies like XML Parsers, **JAXB** for binding data to java objects
* Developed the Spring AOP Programming to configure logging for the application
* Configured **Hibernate** second level cache using **EHCache** to reduce the number of hits to the configuration table data
* Additional UI Components implemented using an asynchronous **AJAX, JQuery, Angular 2** based rich client to improve customer experience.
* Have extensive experience in building and deploying applications on Web/Application Servers like Apache **Tomcat**.
* Experienced in Performance Tuning, Load Balancing and optimization of **WebLogic** Application Server
* Used **JMS** with **Web Logic** Application server
* Implemented application level persistence using **Hibernate** and **spring**.
* Developed user interface using **JSP, HTML, XHTML, XSLT and Java Script** to simplify the complexities of the application.
* Used **EJBs** (Stateless Session beans) to implement the business logic, **MDBs** (JMS) for asynchronous communication internal and external to the system.
* Wrote **SQL** and **PLSQL** queries for database creation and modification.
* Creation of scripts for generation of reports. Implemented test cases for Unit testing of modules using **TestNG**
* Wrote **JUNIT** Test cases for Spring Controllers and Web Service Clients in Service Layer using Mockito.
* Used GIT client Source Tree as version Control Management tool.
* Utilized **Agile Methodology (SDLC)** to managed projects.
* Also played the role of **Data Analyst** during the application design and development acquiring data from different data sources and maintain them in databases/data systems which is used for analysis.
* Used Tableau for Data Analysis.

**Environment:** Java, J2EE, Spring MVC, JavaScript, HTML5, XHTML, CSS3, Hibernate, Spring Architectures, Angular 2, JQuery, AJAX, JSP, servlet, XML, EJB, JSON API, Oracle, CRUD, PL/SQL, JDBC, UML, Eclipse, Junit, Mockito, TestNG, Agile Scrum, GIT.

**Spreja Engineering,** **Pune, India June 2011 – Dec 2012**

**Java Developer**

**Description:** Spreja Engineering is leading Manufacturer, Supplier and Service Provider of Stainless Steel, Industrial Steel Flanges and machineries. Worked as an entry level Software developer to develop web applications to maintain order records of manufacturing and supply products.

**Responsibilities:**

* Implemented the project according to the Software Development Life Cycle (SDLC)
* Developed the web layer using **Spring MVC** framework.
* Implemented JDBC for mapping an object-oriented domain model to a traditional relational database.
* Created Stored Procedures to manipulate the database and to apply the business logic according to the user's specifications.
* Involved in analyzing, designing, implementing and testing of the project.
* Developed **UML** diagramslike **use cases** and **Sequence** diagrams as per requirement.
* Developed the Generic Classes, which includes the frequently used functionality, for reusability.
* Exception Management mechanism using Exception Handling Application Blocks to handle the exceptions.
* Wrote **Web Services** using SOAP for sending and getting data from the external interface.
* Designed and developed user interfaces using **JSP, Java script, HTML** and **Struts** framework**.**
* Developed Action forms and Action classes in **Struts** framework.
* Involved in Database design and developing SQL Queries, stored procedures on **MySQL**.
* Developed and maintained front end applications and web applications for ecommerce.
* Programmed session and entity EJBs to handle user info track and profile based transactions.
* Involved in writing JUnit test cases, unit and integration testing of the application.
* Developed user and technical documentation.

**Environment :** Java, J2EE, Spring MVC ,JavaScript, HTML5, SOAP, JQuery, JSP, servlet, Struts, MySQL, CRUD, PL/SQL, JDBC, UML, Eclipse, EJB, Junit.