**LAKSHMI M**

**PROFESSIONAL SUMMARY:**

* 7+ years of experience as a Java Developer in IT industry specifically in Internet technologies with skills in Analysis, Design, Development, Testing and Implementation of various Web Applications using **Java/J2EE Technologies**, **Springs**, **Hibernate**, **Web Services**, **HTML**, **CSS** and **JavaScript.**
* Expertise in **Core Java** programming, **OOPS concepts**, **Exception**s, Multithreading, **Collections** and **Generics**.
* Expertise in developing web applications using **Servlets, JSP, JSTL,** HTML, CSS, JavaScript, **SQL, Web Services** and **Junit**.
* Worked with some Design Patterns like **Singleton**, **Factory** and **DAO** (Data Access Object).
* Good working knowledge on **Spring DI** (Dependency Injection), **Spring JDBC**, **Spring ORM** and **Spring MVC, Spring Boot, Spring Security** and **Spring AOP**.
* Excellent experience in the design, development and implementation of Model-View-Controller (MVC) using Springs Framework, **Design Patterns (Singleton, Factory, Data Access Object)** and DAO's using Hibernate, J2EE Architecture.
* Profound knowledge on Relational Database Management Systems (**RDBMS**) like **Oracle** and **MySQL** and **NoSQL** databases like **MongoDB.**
* Experience in managing database with **JDBC** and **ORM** (Object Relational Mapping) frameworks like **JPA**, Hibernate using SQL and HQL queries.
* Experience in manipulating the data in the Database using **SQL** queries and **PL/SQL stored procedures, triggers, functions** and **views**.
* Good Experience in **Web Page** development using **JavaScript**(libraries such as **JQuery, Angular JS**) **HTML, CSS** and **Bootstrap**
* Extensively used **Angular JS** framework for developing Single Page Applications (SPA's).
* Experience in writing test cases using **Postman** for **Web Service** test and **front-end testing** using **Jasmine** as the testing framework.
* Experience in developing **Java Micro Services** and delivering the products.
* Experience with test-driven development using a various **unit testing** framework such as **Junit**.
* Experience in implementing SOAP and **Restful** web services.
* Experience in working with deployment tools like **Maven** and source/version control tools like **GIT.**
* Experience in using Integrated Development Environments like **Eclipse** and Net Beans.
* Hands on experience in **Amazon Web Services** (Amazon **EC2**, Amazon **S3**, Amazon SimpleDB, Amazon **RDS**, Amazon **Elastic Load Balancing**, Amazon **SQS**, AWS Identity and access management (**IAM**), AWS **Cloud Watch**, Amazon EBS and Amazon **CloudFront**, **Route53**, Amazon **VPC**).
* Good team player and avid to learn new concepts.

**TECHNICAL SKILLS:**

**Operating System :** Windows XP/7/10, Linux

**Languages :** C, Java/J2EE, SQL

**Servers :** IBM Apache Tomcat, WebSphere, Amazon EC2, JBOSS

**Web Technologies :** HTML5, CSS3, JavaScript

**J2EE Technologies :** JSP, Servlets, Web Services (SOAP, Restful)

**Frameworks :** Spring MVC, Spring ORM, Java Micro Services, Hibernate, Angular

**Database :** Oracle, MySQL, MongoDB, MS SQL

**Cloud (IAAS) :** Amazon Web Services

**Software Development Methodologies :** Agile Methodologies

**Java IDEs :** NetBeans, Eclipse, Sublime Text

**Tools :** GIT, MS-Office, JSON, Putty, Rational Rose, Google Docs

**PROFESSIONAL EXPERIENCE:**

**AT&T - Bedminster, NJ June 2017 - Present**

**Role**: **FullStack Developer**

AT&T is a Telecommunication Service provider which delivers advanced mobile services, next-generation TV, high-speed internet and smart solutions for people and businesses. As a leading telecom service provider, the company has an online application for its customers and employees. I was tasked/assigned to work on the MyATT web based application, which facilitates the customers to register themselves, customize their plan by picking some components to add a new offer or changing to a new plan, make a payment online, enable autopay, text and email alerts customizations as users need, and modify the user account details. This application also provides some additional features like customer support, where a customer can submit an issue online, live chat with customer service representatives, schedule or change store appointments.

**Responsibilities**:

* Attend Daily stand-up meetings (Scrum) and Requirement review meetings to analyze requirements for each story card in a sprint.
* Involved in the **SDLC** phases such as requirement gathering, design, and development and testing of the application.
* Worked in an agile work environment with Content Management system for workflow management and content versioning.
* Developed **Use Case Diagrams**, **Object Diagrams** and **Class Diagrams** in UML using Rational Rose.
* Worked closely with team members to exchange knowledge in different phases of the application.
* Configured the local workspace by using the Maven dependencies and separated the Web Module, Service Module and Data Module in **Eclipse** **IDE**.
* Developed the Web Module using **Spring Boot** and integrated with **Maven**.
* Implemented OOPS concepts and some core java concepts like **Collections**, **Exception Handling** and **File Input/output** to develop the business logic.
* Implemented **Spring MVC** framework and composed the application classes as Spring Beans using Spring IOC/Dependency Injection.
* Used Spring Framework for **Dependency Injection**.
* Involved in creating various Data Access Objects (**DAO**) for addition, modification and deletion of records using various specification files.
* Created **Stored Procedures** and **SQL queries** on tables in Oracle 11g databases, which were called by user-oriented application modules.
* Developed the persistence layer using **Hibernate** Framework by configuring various mappings with the backend relational database in hibernate files using **Spring ORM**.
* Designed and developed the User Interaction pages using **JSP, JSTL, HTML, CSS, Bootstrap, JavaScript** and **Angular JS** based on W3C standard.
* Involved in MVC architecture of **Angular JS** in developing the apps, controllers and directives which are totally customized to meet the needs of the application.
* Implemented responsive web designing to make the application compatible with various browsers and screen sizes.
* Developed the application using the Angular JS directives like **ng-model**, **ng-app**, **and ng-controller**.
* Implemented Angular JS **Controllers, Services, Filters** and **Routing**.
* Used **Angular Forms** for validating the Forms on client-side.
* Implemented test cases and performed unit testing using **Jasmine**.
* Updated User Interface based on changing needs and requirements.
* Created **REST** based web services using **JAX-RS** library.
* Used **GIT** for version control.
* Used **Maven** as build automation tool for deploying the project on Apache Tomcat Server.
* Used **log4j** as the logging mechanism for the entire application.
* Involved in bug fixes, enhancements and code refactoring.

**Environment**: Java 1.7, Spring 4.2.1, MySQL, Hibernate 4 ,Spring Boot, JPA, Junit, Log4j, GitHub, Eclipse, HTML5, CSS3, JavaScript, RESTful web services, Apache Tomcat, Maven.

**Harley Davidson - Milwaukee, WI Oct 2015 - May 2017**

**Role: Java FullStack Developer**

Harley Davidson is the largest motorcycle manufacturing company in United States providing motorcycles to general public as well as the law enforcement units departments like Federal Defense and Cops. The company has an official online store where we can purchase all the accessories of Harley Davidson. It has different modules like Rider’s essentials, House essentials, Gift Guides, Bike upgrades and some apparel. Vehicle Order Management (VOM) is a web application, which allows Harley Davidson dealers and the customers to submit an order and get back the information for available production slots and possible delivery date, get a Monthly payment estimate quote, schedule for a test ride where a customer can choose which bike and where to test ride and Build Your Own bike module which allows us to custom build a bike. I was a part of the online store and VOM technical team who worked on backend java.

**Responsibilities:**

* Reviewed the functional, non-functional requirements and high level designs.
* Worked with Agile Methodologies.
* Extensively used **Eclipse** as an IDE for building, developing and integrating the application.
* Developed and integrated with server components using **spring** and **Hibernate**.
* Involved in the development of the application based on **Spring MVC** to implement design patterns like IOC (Dependency Injection), DAO (Data access objects), Data Transfer objects, Business objects, **ORM Mappings**.
* Developed user interfaces using **JSP** UI components, **JSTL, Validators, Events and Listeners**.
* Developed server side validations using **Spring Validation.**
* Extensively worked with **Object Oriented** methodology and **Core Java** concepts like **Collections, Exception handling, String builder**.
* Implemented **Hash table** and **Hash set** for inserting and fetching values.
* Developed code participating in different layers of the application such as **JSP**s for presentation, **Dispatcher Servlet** as controller, Spring beans (POJO) for holding logic and **Hibernate** as ORM framework for mapping with the backend database in **Spring MVC**.
* Implemented enterprise applications using **RESTful** web services.
* Developed different design methodology such as MVC patterns.
* Used Hibernate for Object mapping. Worked extensively in the backend **Oracle** database.
* Used **Log4J** for any errors in the application.
* Developed non-functional web pages using **HTML5, CSS3** and **JavaScript.**
* Used **Bootstrap** to implement responsive web designing.
* Implemented client side validation using JavaScript and **JQuery**.
* Used **JQuery** for implementing basic animations like **dropdown, Scroll up** and **scroll down**.
* Designed user friendly **navigation** to display various sections of data using JQuery.
* Used **MAVEN** for deployment of the application and as build management tool.
* Provide critical support to current order management systems being used as and when required.

**Environment:** Java, EJB, Hibernate 3.6, JSP, spring, Oracle 10g, XML, JUnit 4.0, Eclipse IDE, HTML, CSS, JavaScript, JQuery, Apache Tomcat 7.0, Log4j.

**Farmers Insurance Company - Independence, OH Apr 2014 - Oct 2015**

**Role: Java Developer**

Farmers Insurance Group is an American Insurer group of automobiles, homes, life and small businesses and also provides financial service products. Farmers Fast Quote (FFQ) is an application that is used by the customers for creating online quotes for Auto, Home, Life, Business, Condon and Renters. FFQ collects the basic information required for rating a quote and derives the Premium with three packages like basic, enhanced and full package with recommended coverage for each package. Customer can choose the package they prefer or they also have an option to change the coverage and verify the premium difference and they have an option to choose the premium years. Once a quote is generated the client can get it through an email or a print service. The customer can also choose to find an agent based on residential zip code of the customer and choose from the list of available Farmer’s agents and get a quote from them. Every customer can also contact the Farmer’s agent by providing name, email and phone. The agent will reach the customer through phone or email to sell the policy.

**Every client will be appointed to a closest agriculturist's specialist in view of the private postal district of the client.**

**Responsibilities:**

* Developed the application using Spring Framework that leverages classical **Model View Controller** (MVC) architecture.
* Involved in the development of the screens using **JSP, HTML, CSS** and **JavaScript**.
* Developed presentation layer; UI components, validations using **HTML5**, applying styles using CSS.
* Involved in designing the project using **spring** and **Hibernate** Frameworks.
* Implemented **Spring MVC** pattern to ensure clean separation between the presentation tier and the business tires.
* Developed **Spring Configuration File** to define data source and beans.
* Involved in coding some Core Java implementations.
* Validated the server and client side information using **JavaScript** and **spring validation** framework.
* Designed and developed the database Tables and **Stored Procedures**, Functions, **Triggers** using **SQL** in **SQL Developer**.
* Created **RESTful** web services using **Jersey** API for various internal applications.
* Used different Design patterns like **MVC pattern**, **DAO pattern** to achieve clean separation of layers.
* Developed processing component to retrieve customer information from **MySQL** database, developed **DAO** layer using **Hibernate**.
* Prepared Unit test case using **JUnit** testing framework.
* Prepare the development structure for **Eclipse, Maven**.
* Configured Maven for dependencies and **Log4J** for logging in Eclipse.
* Worked with **GIT** repository to manage project.
* Deployed on **Apache Tomcat** server in local and integration test environments.

**Environments:** Eclipse, Java 7 , J2EE, HTML, JSP, CSS3, JavaScript, Spring MVC, Hibernate, RESTful web services, Apache Tomcat, Junit, Maven, GitHub, Log4j, MySQL.

**Trisync - Vijayawada, India Aug 2010 - Mar 2014**

**Role: Java Developer**

Automated Quotation System has three modules divided based on the type of logins. It has a Technical Administration Module, Administration Module and a User Module. The user module is basically to create projects, prospects, and quotations. There is a well-designed quotation builder and an editor to describe the quotation and to add up items to the quotation. The workflow and approval process is also inbuilt in the quotation.

**Responsibilities:**

* Review Requirement, develop technical design documents and create a prototype of the critical business application using **JAVA/J2EE**.
* Developed User Interface using **HTML, CSS, JavaScript**, and **JSP**.
* Developed Business Logic and Interfacing components using Java Objects and **JDBC**.
* Designed front end validation using JavaScript.
* Used **springs framework** to follow **MVC Architecture** in the application server.
* Managed connectivity using **JDBC** for querying/inserting & data management including triggers and stored procedures.
* Configured different layer (presentation layer, server layer, persistence layer) of application using **Spring MVC, Spring JDBC, and DI** and maintained the Spring Application **Dispatcher Servlet.**
* Developed various **DAO**s for handling business logic and data manipulations from database.
* Involved in design of **JSP** and **Servlets** for navigation among the modules.
* Written some test cases and tested using JUnit testing framework.

**Environment:** J2EE, Java/J2EE, JDBC, JSP, SOAP, HTML 4.0, JavaScript, CSS, springs, XML, XSLT, Oracle 10g, Eclipse, HTML/ HTML5, Windows.

**CERTIFICATIONS:**

* AWS certified Solutions Architect Associate

**EDUCATION:**

* **Bachelor of Technology** in **Computer Science, JNTU** –India