**Kesha Shrestha**

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**Summary**

* **5+ years** of experience in full **Software Development Life Cycle (SDLC)** that includes Analyzing, Designing, Coding, Testing, Implementation Production Support.
* Excellent implementation skills with **Core Java, Java Beans, J2EE JSP, Servlets, EJB, JMS, JSF, Struts, Spring, Hibernate, JDBC, XML, Web Services** and **Design Patterns.**
* Expertise in developing and updating a web page quickly and effectively using **HTML5, CSS3, AngularJS, Bootstrap** and **JQuery** with the webpage **Cross Browser Compatibility** and **Responsive Web Design.**
* Experience in **AngularJS** and **Backbone.js** for Dynamic Web Development.
* Developed web applications by implementing **Model View Controller (MVC)** architecture using **JSP** pages that interact with **Servlets**.
* Extensively worked and implemented several design patterns such **as MVC, Session Facade, Service Locator, DAO, DTO, Singleton, Object Factory** and **Front Controller.**
* Application development experience using **Multithreading, Collection, Serialization, Exception Handling, Spring MVC, Spring IOC, Spring AOP** and **OOPS concepts**
* Strong **J2EE Development** skills including **RESTful Web Services** and **JDBC.**
* Good knowledge in design skills using **Rational Rose, Clear Case** and **Unified Modeling Language (UML)** to create mock-ups and prototypes.
* Working knowledge and thorough exposure on compatibility issues and perform testing on different version of browsers like **Safari, IE-8, 9, 10, Mozilla Firefox** and **Google Chrome.**
* Good knowledge of database connectivity (JDBC) for databases like **Oracle, DB2, SQL Server, MySQL, NoSQL, MS Access.**
* Extensive experience with **Application servers** and **Web technologies** like **IIS 7.0, WebLogic, WebSphere, Apache Tomcat.**
* Worked with socket functionalities using **TCP IP Protocol** and familiarity with **HTTP/HTTPS, Web services, JSON and XML.**
* Worked expertly in various IDEs including **Eclipse, MY Eclipse,** and **IBM RAD.**
* Good experience with **Log4J, JUnit** for testing; &**CVS, SVN, Clear Case** for **Version Control.**
* Strong RDBMS skills in **Oracle, MYSQL** and **SQL Server**.
* Possess excellent communication and Problem Solving skills and the ability to work as a team member, as well as independently.

**Technical Expertise**

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| **Web Technologies** | HTML5, CSS3, JavaScript, JQuery, AJAX, JSON, AngularJS, Bootstrap, XML, JSP, EJB |
| **Databases** | SQL Server, MySQL, Oracle, MS-Access |
| **Operating System** | Windows 7/XP/Vista/2000, Linux, UNIX. |
| **Application Server** | WebLogic, WebSphere, Apache Tomcat, IIS |
| **Source Control** | CVS, SVN, Clear Case |
| **Frameworks** | Spring, Struts, Hibernate, MVC, AngularJS, BackboneJS |
| **Protocols** | HTTP, FTP, TCP/IP, LAN and WAN |
| **IDE Tools** | Eclipse, Net Beans, My Eclipse, RAD |
| **GUI** | Visual Studio, Notepad++, Edit Plus, Eclipse IDE, |

**Professional Experience**

**Client: Guardian Life, Bethlehem, PA**

**Role: Java/J2EEDeveloper**

**Duration: April 2015 – Till Date**

**Responsibilities**

* Involved in all the phases of SDLC including Requirements Gathering, Design & Analysis of the Customer Specifications, Development and Customization of the Application.
* Agile development was promoted in all aspects of the project- right from requirements phase to production support.
* Created dynamic HTML pages, used JavaScript for client-side validations. JSP, HTML, Angular JS and CSS to design the front-end components and AJAX to create interactive front-end GUI.
* Created additional JavaScript modules for validating, testing, and restricting user inputs.
* Responsible for developing Web pages by leveraging AngularJS Framework and making the application responsive using Bootstrap media queries.
* Developed CSS styles to maintain the uniformity of all the screens throughout the application and positioning of screen objects.
* Made AJAX calls using Backbone.js for getting data and parsing it for showing on webpage.
* Successfully handled JSON/XML data and carried out JSON/XML parsing for form submissions and DOM manipulation.
* Wrote application level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Worked with QA team in fixing the reported bugs/defects and checking cross platform compatibility.
* Extensively used Core Spring Framework for Dependency Injection of components.
* Used Hibernate for mapping java classes with database and created queries with Hibernate Query Language (HQL).
* Used Oracle 11g database for table creation and writing SQL queries using Joins and Stored Procedures.
* Was responsible in automating the deployment process by developing Maven build scripts.
* Used Log4J for enabling logging and debugging at the runtime; and JUnit for testing in TDD.
* Created Action Classes which route submittals to appropriate Enterprise Java Bean (EJB) components and render retrieved information.
* Developed Message Driven Bean components in WebSphere MQ Series for e-mailing and Data transfer between client and the providers
* Involved in Production Support and minor enhancements as per application requirements.
* Participated actively in various team meetings with IT staff and provided useful insight regarding various design changes and major IT related decisions.

**Environment**

JAVA, Spring, AJAX, EJB, JSP, Hibernate, HTML, CSS, JavaScript, AngularJS, XML, Oracle11g, Maven, JUnit, WebSphere, RAD, UNIX, Windows.

**Client: Lexmark International, Lexington,KY**

**Role: Java/J2EE Developer**

**Duration: July 2013 – March 2015**

**Responsibilities**

* Worked with business analysts to understand their business models and goals and help define strategy, content, and features.
* Responsible for the design and development of Front End layout and navigation bar using HTML5, CSS3 and JavaScript.
* Developed all the pages using HTML, XUL, DHTML, XSL/XSLT, XHTML, DOM, CSS, AngularJS, JSON, JavaScript, JQuery, and AJAX.
* Created a custom, single-page, responsive web application to replace a legacy line-of-business web application, developed using client side MVC Design using Angular JS and the front end framework.
* JSON was used extensively to exchange data between various systems and tiers.
* Handled browser compatibility issues in HTML, CSS and JavaScript for IE, Firefox and Chrome.
* Responsible for creating the screens with table-less designs meeting W3C standards.
* Resolved the issues for the pages with low traffic and high load time; which decreased maintenance expenses for department.
* Designed XML schemas and parsers for scalable XML documents used with Web Services and real-time reporting.
* Involved in bug fixing on functionality, performance and designing issues with JavaScript and JQuery.
* Developed Service Implementation and Data Access Objects by extending Hibernate DAO Support.
* Used Spring-Hibernate integration and JPA ORM in the back end to fetch data from Oracle and MySQL databases.
* Used Java Messaging Services (JMS) for reliable and asynchronous exchange of important information such as payment status report to MQ Server using MQ Series.
* Involved in development and finalization of changes in features regarding login and account management to further enhance user experience while retaining optimal functionality of the key features provided.

**Environment**

Java, Hibernate, Spring, JavaScript, JQuery, Blade Logic, Jenkins, WebLogic Server, Oracle, Eclipse, J-Unit, JIRA, Maven, HTML

**Client: Assurant Health (Insurance), Atlanta, GA**

**Role: Java Developer**

**Duration: Nov2011 – May 2013**

**Responsibilities**

* Involved in discussions with the System Analyst to identify the technical requirements.
* Developed user interactive websites using web technologies like HTML, XHTML, and CSS according to health insurance standards.
* Understood design layouts from graphic designer and converted the page using HTML, CSS and other editors like Dream Weaver, Notepad.
* Responsible for maintaining current websites that include updating web pages, upload new changes.
* Developed JavaScript library for rendering domain-specific layout XML to the web.
* New classes and functionality designed using several jQuery components for CRM implementation for customer service.
* Wrote application level code to interact with APIs, RESTful Web Services using AJAX and JSON.
* Implemented HibernateORM tool integration with Struts MVC to interact with back end persistence system (Oracle).
* Used JPA and Hibernate in the DAO layer to manage the CRUD operations.
* Used to interact with Business Analyst and Business owner to give up the best designing features for the product users.
* Used the Spring framework to build the front-tier and applied the Model-View-Controller design pattern
* Configured & managed the Internet Information Server (IIS) which handles the project.
* Researched and identified the well versed open source tool to implement the cross browser application to achieve the web standards.
* Actively participated in day-to-day meeting, status meeting, strong reporting and effective communication with project manager.

**Environment**

Java, Spring MVC, Spring REST, JavaScript, JQuery, AngularJS, CSS3, AJAX, JSP, Servlet, JSON, Java, Maven, Apache Tomcat, Log4j, MySQL, Hibernate, Eclipse

**Client: Commerce Bank, Kansas City, MO**

**Role: Web Developer**

**Duration: Jan 2011 – Oct 2011**

**Responsibilities**

* Involved in maintenance and support that including other existing applications.
* Designed and added new functionality extended existing application using J2EE, XML, AJAX, Servlets, and JSP.
* Developed screen functionality using HTML, CSS, JavaScript and JQUERY.
* Client side validations are done using JavaScript and server side validations are done using Struts validator framework.
* Worked alongside backend Java programmers to troubleshoot JavaScript related issues with front-end connectivity.
* Develop attractive UI to combine new module with login system with JQuery framework.
* Built user friendly web pages to arrange text, pictures and videos with CSS and Bootstrap.
* Designed and created the database tables and wrote SQL queries, Joins, PL/SQL sub programs like stored procedures, triggers and functions to access DB2.
* Assist customer team in developing and deploying other sites and deploying in a multi-site configuration.
* Used Subversion (SVN) as a repository tool and as a version control.
* Participated actively in production support to fix defects reported by clients and QA team.

**Environment**

HTML, CSS, DOM, JavaScript, JQuery, AJAX, JSON, Eclipse, DB2, SVN, XML

**Education**

**Bachelor of Science in Software Engineering**

University of Texas at Dallas