**SADHANA G (Java/UI/Full Stack Developer)**

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**PROFESSIONAL SUMMARY**

* Having professional experience of **7+ years** in Analysis, Design, Development, Implementation and testing of Web Based & Client/Server applications and Database applications.
* Expertise in developing web applications in **HealthCare**, **Retail**, **Automobile**, **Mobile-Media** and **Software** domains.
* Expertise in developing and implementing enterprise applications using **Java/J2EE Technologies** including **Core Java, JDBC, Hibernate, Spring, Spring Boot, JSP, Servlets, Java Beans** and **EJB**.
* Strong Web Technology and Scripting languages experience with **HTML5/4, CSS3/CSS, JSP, AJAX, JavaScript, jQuery, Bootstrap, AngularJS, BackboneJS** and **NodeJS.**
* Worked extensively on technologies like **Web services, Spring, SOAP, XML, XSD, XSLT, WSDL, JMS, JNDI, JSON, JDBC** and various Databases like **Oracle, MySQL and Microsoft SQL server** during my tenure in Software Development.
* Worked with **Oracle8i/9i/10g, TOAD, DB Visualizer, PL SQL and MS SQL Server**.
* Experience in implementing Service Oriented Architectures (**SOA**) using XML based **Web Services (REST/SOAP/UDDI/WSDL**).
* Web Application Development with Framework like **Struts and Spring MVC**.
* Experience using various web/application servers like **Apache Tomcat 5.x, WebLogic, IBM WebSphere Application Server 5.x/6.x, WebSphere MQBEA Web Logic Server 10.0, Oracle Web Logic Server 10.3** and **JBoss 3.2.x/4.2.**
* Strong experience on various development environments - IDEs like **IBM Web Sphere Studio Application Developer (WSAD) 5.0, Eclipse 3.0/3.1, and RAD 6.0/7.0, NetBeans** and **Spring Tools Set.**
* Messaged oriented MW – experience with **Tibco, Kafka and Samza**.
* Experience in the areas of Object Oriented Analysis **(OOA)&** Object Oriented Design**(OOD)** using **UML**, **SDLC** Management and Development of Distributed applications.
* Developed reusable Server side code modules with **Enterprise Java Beans** Integrated with **Remote method Invocation (RMI)** to access remote Servers and invoking Databases with **JDBC**
* Extensively experienced in architectural issues and their solutions using various design patterns such as **MVC**(Model-View-Controller), **Singleton**, **Session Facade, Service Locator, DAO, DTO** and **Business Delegate**.
* Defect handling with **HP-Application Lifecycle Management**.
* Good experience with unit, performance and script testing by using **JProbe**, **Karma, Jasmin**, **JUnit** and **JMeter**.
* Used Integration tools like **JIRA**.
* Experience with various MVC Java frameworks like AngularJS, UnderscoreJS, and NodeJS etc.
* Experienced with **JDBC** API to call **SQL** Queries and Stored Procedures in the Database.
* Proficient in all phases of **SDLC** (**analysis, design, development, testing and deployment**) in gathering user requirements & converting them into software requirement specifications.
* Extensive knowledge in **Agile**, **Waterfall** and **TDD** Methodologies.
* Experience with Open source frameworks using Struts, Spring Batch, and Hibernate and used design patterns like **Singleton, DAO, Factory, DTO, and MVC.**
* Strong Experience in Automating Web Application Testing using **Selenium WebDriver** with TestNG framework, **Gherkin** and **Cucumber**.

**TECHNICAL SKILLS**

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| **Programming Languages** | C, Java5/6/7, J2EE, JSP, Python 3.0/3.3.2, JSF, Cucumber, Gherkin, MVC, JPA, log4j |
| **Web Languages** | HTML5/HTML4, Bootstrap 2.3x, DHTML, AJAX, XML, XSD, XSLT, CSS3/CSS, PHP, JavaScript, AngularJS, ReactJS, NodeJS, Backbone.js, jQuery |
| **Database Systems** | MySQL, PL/SQL, Oracle8.x/9i/10, MySQL 5.1.4, DB2, Mongo DB |
| **Methodologies** | Agile, SDLC, OOAD, TDD, Waterfall |
| **Operating Systems** | Windows XP/7/8, UNIX, LINUX |
| **Java/J2EE Technologies** | JSP, Servlets, EJB, JavaBeans, JDBC, JMS, JSON, JNDI, JAX-WS, JAXB, Custom Tag Libraries, Web Service, SAX |
| **Web Services Technology** | XML, SOAP 4.0, SOA, WSDL, UDDI, Apache CXF 2.2.9/2.6 |
| **Application/Web Servers** | Apache Tomcat 5.x, JBOSS3.2.x/4.0/4.2, CVS, WebLogic, Ant, Maven, WebSphere Application Server 7.0 |
| **IDE& Tools** | Eclipse 3.5/3.6.1/4.2/4.3.1, Alfresco, Harvest, RAD7.5, NetBeans 6.9, Spring Tools Set |
| **Java Framework** | Struts 2.1.6/2.2.1/2.3.16, RestFul, Spring 3.0.1/3.2.6, SpringBoot, Hibernate 3.5.4/4.0.1/4.2.8 |
| **Java Testing Tools** | JUnit4.6/4.9/4.11, JProbe, Jasmin, HP-ALM, Karma, JMeter 2.7 |

**Educational Qualification**

Bachelor of Technology in Computer Science and Engineering, India.

**PROFESSIONAL EXPERIENCE**

**Wheels Inc, Chicago, IL May 2017 – Till Date**

**Full Stack Developer**

**Description:**

Wheels Inc is the automotive fleet leasing and management company. In addition to vehicle acquisition and leasing, Wheels provides numerous specialized services that help all sorts of organizations manage their fleets. This project deals with support functions and registration processing.

**Responsibilities:**

* Involving in requirements phase to understand the Application impact and assisting System Analyst to gather inputs for the preparation of Functional Specification Document.
* Doing the Technical Design and preparing the Application Design Specification document as per the Functional requirements.
* Extensively worked using AWS services along with wide and in depth understanding of each one of them.
* Highly skilled in deployment, data security and troubleshooting of the applications using AWS services.
* Created S3 buckets in the AWS environment to store files, sometimes which are required to serve static content for a web application.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Java.
* Documented how Spring Batch is useful for the current project.
* Involved in Java, J2EE, struts, web services and Hibernate in a fast paced development environment.
* Followed agile methodology, interacted directly with the client provide/take feedback on the features, suggest/implement optimal solutions, and tailor application to customer needs.
* Rich experiences of database design and hands on experience of large database systems in Oracle 11g.
* Involved in design and implementation of web tier using Servlets and JSP.
* Worked extensively on Spring boot for building web service.
* Designed and developed Data Access Objects (DAO) to access the database.
* Coded Java Server Pages for the Dynamic front end content that use Servlets and EJBs.
* Coded HTML pages using CSS for static content generation with JavaScript for validations.
* Used JDBC API to connect to the database and carry out database operations.
* Involved in writing test scripts using java and executed it through selenium cucumber.
* Triggered the automation jobs using **Jenkins** to get the cucumber JSON reports.
* Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Integrated Apache Camel (ESB) with Spring boot.
* Performing Code Reviews. Performed unit testing, system testing and integration testing.
* Created Test cases Using Element locators and Selenium Webdriver methods.
* Deploying application in Development and Production servers. Leading the team of developers for construction, Development and testing phase.
* Implemented Restful web services using spring boot.
* Facilitate UAT testing, working with business partners, when available, to ensure UAT scripts are thorough and testing is completed.
* Ensures management and monitoring tools are integrated with Pivotal Cloud Foundry and have rules/alerts for routine and exceptional operations conditions.
* Experience in Pivotal Cloud Foundry Setup Configuration/maintenance.
* Trouble shoot issues within Pivotal Cloud Foundry environments and involving Pivotal vendor as and when needed.
* Bootstrap used along with AngularJS in creating the Application.
* Able to work in both Java and Mainframes simultaneously.
* Lead and Guide the team to make sure all deliverables are on target from Inventory perspective.
* Monitor Mainframe Jobs and fix job ABEND.
* Experience handling large volumes of operational data with Oracle, Coherence, Elasticsearch, Kafka and Samza.
* Analyzed and made code changes to Mainframe components COBOL, JCL and DB2 applications.
* Implemented the Project structure based on Spring MVC pattern using spring boot.

**Environment**: Java, J2EE, JSP, JavaScript, jQuery, Spring Boot, JDBC, HTML, REST, Web Services, Struts, Spring, Hibernate, COBOL, JCL, MySQL, DB2, Eclipse, Toad, Serena Dimensions, Toad, Visio, MS Office, Serena Dimensions, DbVisualizer, Struts 2.0, MVC, Hibernate, Apache Tomcat 5.5/6.0, EJB.

**FIS Global, Milwaukee**, **WI January 2016- April 2017**

**Sr. Web Developer**

**Description:**

FIS empowers the financial world with software, services, consulting and outsourcing solutions. This project is committed to protecting the privacy and security of all personal information that we process in order to provide services to the clients.

**Responsibilities:**

* Analyzed User Stories as part of requirement gathering and application design.
* Developed and maintained the web-application using JSP, XSLT, HTML5, XML, JavaScript, jQuery, and Ajax.
* Experience in handling, configuration and administration of databases like MySQL and NoSQL databases like MongoDB and Cassandra.
* Developed internal services using Java and Node.js.
* Wrote internal and external API services using Node.js modules.
* Responsible for developing Detailed Level Design document, Integration Test Cases(ITC), Integration test output (ITO) documents and coordinating with the analysis, business and QA teams.
* SOAP Web services implementation for making the backend data available to the frontend.
* Worked on generating the web services resources by using RESTful web services with JSON.
* Developed and implemented the MVC Architectural Pattern using Struts Framework including JSP, Servlets and Action classes.
* Developed custom directives and Services in AngularJS.
* Experience in managing large shared MongoDB cluster.x
* Experience in MongoDB installation, patching, troubleshooting, performance, tracking/tuning, back - up and recovery in dynamic environments.
* Monitoring and tuning to improve Mainframe services(MFS) and application performance prior to upgrades.
* Developing POS Application enhancement/extension in Java programming language.
* Implement and execute web service API management framework.
* Used Spring IOC, AOP for creating beans and transaction management.
* Used SQL and PL/SQL Programming extensively to talk to Oracle database.
* JUnit Frameworks were used for performing unit & integration testing by writing test cases.
* CA Software Change Manager (Harvest workbench) was used to for package deployment among environments.
* Defect raising and tracking with HP-Application Lifecycle Management (HP-Quality Center) Explorer.
* Followed AGILE model for development of the project.

**Environment:** Windows 7, JDK 1.7 and 1.5, Servlets, JSP, Spring 4.x, Struts 2.3.16, HTML/HTML5, XSLT, XML, Ajax, JavaScript, jQuery, JDBC, SOAP-JAXB, JSON, Node JS, MongoDB, Hibernate 4.2.8, RESTful Web Services, WSDL, UDDI, PL/SQL, Oracle 11g, Alfresco Enterprise, DataPower, CA Harvest Workbench 12.x, Eclipse 4.3.1, HP-ALM/QC Explorer 11.5x, BV DCC 7.1, Web2.0.

**Cerner Corporation, Kansas, MO March 2015 – December 2015  
Web Developer**

**Description:**  Cerner provides various intelligent solutions for the health care industry and has a wide range of services that support the clinical, financial and operational needs of organizations of every size. Applications are developed with physicians in mind and providers can manage their day-to-day revenue functions with their integrated clinical and financial systems.

**Responsibilities:**

* Involved in designing and developing the application using JSP, JSTL, HTML/HTML5, CSS3, Bootstrap, AJAX and made client validations using JavaScript, jQuery with NodeJS.
* Implemented object/relational persistence for the domain model.
* Implemented the Web services with SOAP service and SOAP – JAXB Eclipse.
* Worked on generating the web services classes by using RESTful web services with JSON.
* Used UDDI, WSDL, ESB for Web Services.
* Implement and execute web service API management framework.
* Made use of Data Access Object (DAO) design pattern for designing data access layer.
* Involved in writing the Named queries, Criteria queries in Hibernate.
* Configured objects in spring applicationcontext.xml.
* IBM RAD for accelerated programming.
* Worked on creating various types of indexes on different collections to get good performance in Mongo database.
* Worked on creating documents in Mongo database.
* Developed and implemented the Architectural Pattern of MVC using Struts Framework.
* Used Spring IOC, AOP for creating beans and transaction management.
* Used SQL and PL/SQL Programming extensively to talk to Oracle database.
* Unit testing done by Jasmin for scripts.
* JUnit Frameworks were used for performing unit & integration testing by writing test cases.
* Followed Agile & Scrum Methodology for development of the product.

**Environment:** Windows 7, JDK, Servlets, JSP, Spring 3.2.6, Struts 2.3.16, HTML/HTML5, CSS3, Ajax, JavaScript, jQuery, NodeJS, JDBC, Bootstrap 2.3x, SOAP-JAXB, JSON, MongoDB, Hibernate 4.2.8, RAD 7.5, JUnit 4.11, RESTful Web Services, PL/SQL, WSDL, UDDI, ESB, Oracle 11g, Jasmin, Eclipse 4.3.1, Agile development process.

**W.W. Grainger, Chicago, IL October 2013 - February 2015**

**Web Developer**

**Description:**

W.W. Grainger distributes more than one million industrial products from supplies to equipment and tools via online portal. This project was about to creating software solutions that will help Grainger grow as a business.

**Responsibilities:**

* Involved in build process through Maven.
* JMS for instant notification.
* Developed necessary DAO’s with Hibernate as the persistence framework.
* Used Log4j for logging messages and Warnings.
* Used Ajax to make calls from JavaScript to java with XSD&XSLT technology.
* Deployed the Application on Oracle Implementation with JSP, JavaScript, jQuery and Struts Validation framework on Eclipse IDE.
* Experience with Design patterns, R4SC, ADAT, Spring and model driven tool.
* Restful web API framework for Java with JAX-RS.
* Managing JUnit test scripts for development and test environments for latest deployments.
* Working out on feasible technical solutions with client team to common UI issues.
* Integration with JIRA and functional testing before releasing code for client testing.
* Fixing client reported bugs on UI or functional issues found during testing.
* Deployed an application in IBM WebSphere Application Server v7.0

**Environment:** Java 1.6, Core Java, log4j, JSP, JavaScript, jQuery, JMS, XML, XSD, XSLT, Spring 3.0.1, Hibernate 3.5.4/ORM, HTML5, CSS3, JUnit4.6, Ajax, RestFul API, WebSphere 7.0, Maven, Bootstrap 2.3, Oracle 9i, MyEclipse, Eclipse 3.6.1, JIRA, MySQL Server, Tomcat, Struts 2.2.1, NetBeans 6.9.

**Cybage Software Private Ltd, Hyderabad, India August 2012 – September 2013**

**Web Developer**

**Responsibilities*:***

* Expert knowledge of Node.js and experience in a production environment.
* Used popular Node.js frameworks like Express and Restify to mock a Restful API.
* Involved in Java, J2EE, struts, web services and Hibernate in a fast paced development environment.
* Rich experiences of database design and hands on experience of large database systems in Oracle 11g.
* Involved in design and implementation of web tier using Servlets and JSP.
* Developed the user interface using JSP and Java Script to view all online trading transactions.
* Designed and developed Data Access Objects (DAO) to access the database.
* Coded Java Server Pages for the Dynamic front end content that use Servlets and EJBs.
* Coded HTML pages using CSS for static content generation with JavaScript for validations.
* Used JDBC API to connect to the database and carry out database operations.
* Used JSP for developing User Interface components.
* Performed unit testing, system testing and integration testing.
* Deploying application in Development and Production servers.
* Facilitate UAT testing, working with business partners, when available, to ensure UAT scripts are thorough and testing is completed.
* Analyzed and made code changes to Mainframe components COBOL, JCL and DB2 applications.
* Able to work in both Java and Mainframes simultaneously.
* Scheduling Mainframes Jobs in CA7 scheduler.

**Environment:** Java, J2EE, JSP, JavaScript, jQuery, JDBC, HTML, REST, Struts, Spring, Hibernate, COBOL, JCL, ABAP, CSS**,** Oracle 10g/11g, DB2, Eclipse, Serena Dimensions**,** NodeJS, Toad, Visio, Node.js, MS Office, Serena Dimensions, Aqua Studio**,** Struts 2.0, MVC, JBoss**,** REST, SOAP**,** CA7 scheduler

**Esalemedia, Hyderabad, India November 2010 – July 2012**

**Software Developer**

**Responsibilities:**

* Analysis of the specifications provided by the client and documenting.
* Detail Level estimates, Understanding document preparation for a request.
* Design Documents like RUD (Requirement Understanding Document), DDD (Detailed Design Document) and UT (Unit Test Cases). Documenting the test results.
* Preparing review document based on onsite review comments. Preparation for quality inspection and delivery.
* Received applause certificate for successful and timely launch of Sales Code Expansion project.
* Developed the user interface using JSP and Java Script to view all online trading transactions.
* Designed and developed Data Access Objects (DAO) to access the database.
* Developed HTML pages using CSS for static content generation with JavaScript for validations.
* Developed JDBC API to connect to the database and carry out database operations.
* Deploying application in Development and Production servers.
* Able to work with Mainframe components COBOL, JCL and DB2 applications.
* Scheduling Mainframes Jobs in CA7 scheduler.
* Coded HTML pages using CSS.
* Setup test data in database tables for Unit testing.
* Excellent team player, very dynamic, flexible with positive attitude and excellent learning skills.
* Open to learn new technology or tool needed for the application.

**Environment:** Java, JavaScript, JDBC, HTML, CSS, Hibernate, COBOL, JCL, DB2, Eclipse, Serena Dimensions, Toad, MS   
 Office, Serena Dimensions, Aqua Studio.