**SWETHA**

**SUMMARY**

* 7 years of IT experience with 4 years in Adobe CQ5 and 3 years in Java UI &Java/ J2EE.
* Expertise in Adobe AEM WCM, Components, Widgets, CQ5 DAM, and Apache Sling.
* Expertise in HTML, CSS, XHTML based web Internet applications using jQuery, Content Management Systems with emphasis on W3C and usability standards.
* Experience in Adobe LifeCycle designing.
* Developed custom AEM components on top of JCR (Java Content Repository) and Apache Sling (A REST based web development framework on top of JCR), CRX (Day's commercial JCR Implementation), and CQ5 (Day's latest suite of WCM, DAM, and Social Collaboration applications).
* Experience in designing and build dynamic type forms.
* Expertise in OOA, OOD, Distributed Application Development and OOPs.
* Experience with SDLC process (Agile, Waterfall models) of performing detailed analysis, collecting use cases, documenting requirements and creating designs for Object Oriented Programming (OOPs).
* Worked on Web Services using Service Oriented Architecture.
* Good understanding and implementation knowledge of Java & J2EE design patterns like Factory Pattern, MVC, Singleton pattern, DAO, and DTO.
* Well versed in designing presentation layer components using Servlets, JSP, HTML, and JavaScript.
* Skilled at developing enterprise applications in different Java IDEs like Eclipse, Spring Tool Suite and NetBeans.
* Developed Use Case diagrams, Class Diagrams and sequence diagrams using Rational Rose.
* Experience of development in different platforms like Windows,UNIX and LINUX
* Knowledge of application servers like Apache Tomcat 6.0/7.0, Glassfish etc.
* Extensive programming in Web Technologies likes JSP, JavaScript, XML, AJAX, JQuery, Adobe CQ5 API, and Apache Sling, OSGi bundles.
* Extensive experience in AEM technologies ranging from designing and implementation of Day CQ components, Page Templates, Workflows and Custom widgets, integrating UI and java script frameworks based on need.
* Good web page design skills and work experience in developing web applications covering front-end/ UI using the web internet technologies like HTML4/5, XHTML, CSS2/3, Java scipt, Jquery, Json, XML, AJAX and Content Management Systems with emphasis on W3C and usability standards.
* Worked on core web technologies including XML, XHTML, and client/server-side scripting languages such as Java Script, and JSP, and web services development using SOAP and REST-full implementations.
* Experience managing daily communication with an offshore development teams.
* Strong knowledge of object-oriented programming towards front-end libraries.
* Excellent Understanding and good Experience with Object Oriented Concepts, Object Oriented JavaScript, Object Oriented Design and Implementation which also includes expertise in OOA, OOD, Distributed Application Development and OOPs.
* Excellent verbal and written communication skills and proven ability to work well in a team or an individual environment.
* Good analytical and documentation skills. Ability to learn and adapt quickly to the emerging new technologies and paradigms

**TECHNICAL SKILLS**

Languages  Java, MXML, ActionScript

Internet Technologies  J2EE (EJB, Servlets, JSP, etc..), Adobe Flex

App Servers/ Middleware BEA WebLogic 9.2, 8.1, and Tomcat.

IDE / Programming Tools Eclipse 3.2, WSAD, Toad, Ant, Log4j

Operating System UNIX, Win 2000/NT/XP/2003, AIX, Solaris.

Database/Tools Oracle9i, PL/SQL, JDBC.

Server Scripting Perl, Shell Scripting and Regular expressions.

Client scripting Java Script, ExtJS, JQuery, CSS, HTML, JSP, etc.

Frameworks Struts, Spring, Hibernate, SOAP Web Services, etc

WCM/ECM/BPM Products Adobe Day CQ5 5.5/5.4/5.3, DAM, JCR API, CRX, Dispatchers, Package Manager, etc.

**WORK EXPERIENCE**

**Client: Chrysler Group LLC, Auburn Hills, MI, USA Sep 2015 – till date**

**Project: Canada Digital Co-op Programs**

**Role: Sr. AEM Developer**

**Responsibilities:**

* Developed Components and Templates using Adobe AEM 6.1 for supporting the different WebPages.
* Performed AEM customization on foundation components, core CMS and workflows to extend functionalities, and improve performance.
* Implemented the Sling Filter, Felix Filter, Sling Servlet, and OSGI bundles for interacting with remote spring web services.
* Used SVN as version control and integrated with Hudson for continuous integration and nightly builds.
* Designed dynamic type forms.
* Have been using DAM Assets, Package Manager, Package Share, Replication and other tools provided by CQ and also have an in-depth knowledge of using all the above.
* Working with the Cloud Versioning called Cloud Forge and also been in using the Team Forge the way to handle the agile methodology.
* Design & Development using Java/J2EE, Web Services, Struts, XML,schemas, AJAX and Deployed on Web Sphere 6.1 Application Server running on Unix.
* Developed Adobe AEM templates and reusable components.
* Extensively used AEM tagging features in developing components and templates.
* Installed and Configured AEMAuthoring & Publishing Instance.
* Experienced in Day CQ and associated technologies like Sling, OSGI, Felix, Jackrabbit, JCR, CRX.
* Working with Maven to build and generate the jar files to deploy in the Felix Console.
* Developed code to send and receive messages to/from MQ (queue).
* Used Apache Maven for managing jars, which build automation.
* Worked on Multi Site Manager and extensively used CQ tag libraries in the components.
* Customized dialogs for all the components for providing various options to authors while creating.
* Utilized HTML, CSS, jQuery for designing and implementing custom CQ components.
* Provide author training to business users to familiarize them with the design and usage of the system.
* Used Log4j for logging and tracing the messages.
* Developed workflow components related to digital assets upload workflow as per the client requirements.

**Environment:** AEM 6.0, CQ5.6.1 (WCM), CQ5 DAM, CQ, Workflow, Apache Sling, CRXDE, CRX, WCM, HTML, JSP, Servlets, JavaScript, jQuery, Eclipse IDE, Tomcat 6, Scene 7, Apache Maven, Confluence, JIRA, Investors, Apache HTTP Server, SOAP and REST Web Services, Linux, Windows, Unix

**Client : Web Partner.com, Los Altos, CA Jan 2015 – Aug 2015**

**Project : Web Partner Testing Tool**

**Role : Adobe CQ5 Developer**

**Responsibilities:**

* Involved in design, development, testing and production deployment phases of the project using Agile Methodologies.
* Used JIRA to create story and bugs and to track team progress, time on each task
* Integrated JIRA with Bamboo for Continuous Integration testing. Created new build plans and updating dependencies.
* Integrated Gliffy with JIRA to create different diagrams.
* Worked on Function Specifications and Design document, Added all documented on wiki Confluence.
* Lead all CQ5 related design and framework development using templates, components widgets, CQ5 bundle, JCR/Sling API, clustering publish and author setup
* Enhanced CQ5 personalization engine to surface the CQ5 content on portal using JavaScript and Sling script based on segment and LDAP user profile attributes
* LDAP Integration with CQ for user authentication
* Created POC related to CQ5 design and implementation
* Implemented lots of RESTful based web services from scratch
* Created exception hierarchy to handle exceptions
* Implemented the architecture using JSP, JSF, XML Document
* Used TOAD to interact with the database and write SQL queries
* Coded test cases to test the use cases using JUnit
* Drew UML diagrams like Class and Sequence Diagrams using Rational Rose
* Participated in functional, integration and Unit testing.

**Environment:** AEM 6.0, CQ5.6.1 (WCM), CQ5 DAM, CQ, Workflow, Apache Sling, CRXDE, CRX, WCM, HTML, JSP, Servlets, JavaScript, jQuery, Eclipse IDE, Tomcat 6, Scene 7, Apache Maven, Confluence, JIRA, Investors, Apache HTTP Server, SOAP and REST Web Services, Linux, Windows, Unix

**Client: Chrysler Group LLC, MI, USA May 2014 – Dec 2014**

**Project: Marketing Product Information (MPI)**

**Role: Adobe CQ5 Developer**

**Responsibilities:**

* Gathering requirements from Business users and analyzing the requirements.
* Study the use cases diagrams and analyzing the application in all aspects.
* Drawing Class diagrams, Sequence diagrams, Activity diagrams using Rational Rose tool in UML.
* Implemented JavaScript extensively.
* Generating the Java classes from the created UML diagrams.
* Documenting for all the classes with detailed description.
* Converting HTML screens to JSP screens with struts tags, incorporating CSS in JSP.
* Creating Form Beans and declaring the Mapping by using Struts.
* Creating the Action Classes for processing the requests and for forwarding to the next layer.
* Creating the Data Access Object design Pattern classes for accessing the database.
* Validating sever side validations using Struts validations.
* Creating JavaScript files for grouping of Java Script methods inside these files.
* Viewing the database design document and analyze the tables and get aware of the tables and relation between tables.
* Mapping the data from EV to MC for some fields by writing the procedures.
* Unit testing and deploying the application on WebLogic server.
* Performance tuning of application for quick response.
* Writing procedures and queries in optimized way.
* Coding the application fallowing the java standards.
* Involved in mapping Hibernate configuration files with Data base tables.
* Performing the PMD test for checking coding standards.
* Participated in Preparing Design Documents.

**Environment:** Java, JSP, Struts, MVC architecture, AJAX, Eclipse, JNDI, WebLogic 8.0, JMS, JavaBeans, Rational Rose, UML, SOAP, WSDL, JAXB, Xfire, Wsgen, Log4j, JUnit, Crap4j, ANT, Maven 2.0, JavaScript, Angular JS, Microsoft Script Editor, Scrum, HTML, CVS, PL/SQL, Oracle 10g.

**Client: Chase, Wilmington, Delaware Feb- 2012- Apr- 2014**

#### Project: Student Loan Product Development

**Role: Adobe CQ5 Developer**

**Responsibilities:**

* Involved in the project from requirements gathering and involved in various stages like Design, Testing till production.
* Implemented **Spring** MVC framework, which includes writing Controller classes for handling requests, processing form submissions and also performed validations using Commons Validator.
* Implemented the business layer by using Hibernate with **Spring** DAO and also developed mapping files and POJO java classes using ORM tool.
* Designed and developed Business Services using Spring Framework (Dependency Injection) and DAO Design Patterns.
* Have Knowledge on Spring Batch, which provides Functions like processing large volumes of records, including job processing statistics, job restart, skip, and resource management.
* Implemented various design patterns in the project such as Business Delegate, Data Transfer Object, Service Locator, Data Access Object and Singleton.
* Developed web service for web store components using JAXB and involved in generating stub and JAXB data model class based on annotation.
* Developed XML configuration and data description using Hibernate. Hibernate Transaction Manager is used to maintain the transaction persistence.
* Designed and develop web based application using HTML5, CSS, JavaScript, AJAX, JSP framework.
* Used Maven Deployment Descriptor Setting up build environment by writing Maven build XML, taking build, configuring and deploying of the application in all the servers
* Implementing all the Business logic in the middle-tier using Java classes, Java beans, used JUnit framework for Unit testing of application.
* Involved in doing various testing efforts as per the specifications and test cases using Test Driven.
* Applied MVC pattern of Ajax framework, which involves creating Controllers for implementing Classes.

**Environment:** JDK5.0, J2EE, Servlets, JSP, Spring, HTML, Java Script Prototypes, XML, JSTL, XPath, JQuery, Oracle 10, RAD, TTD, Web Sphere Application, SVN, MAVEN, JDBC, Windows XP, Hibernate.

**Client: Chrysler Group LLC, MI, USA Apr 2010 – Dec 2011**

**Project: Capacity and Options Planning System (COPS)**

**Role: Java UI Developer**

**Responsibilities:**

* Used Web Sphere for developing use cases, sequence diagrams and preliminary class diagrams for the system in UML.
* Extensively used Web Sphere Studio Application Developer for building, testing, and deploying applications.
* Used Spring Framework based on (MVC) Model View Controller, designed GUI screens by using HTML, JSP.
* Developed the presentation layer and GUI framework in HTML, JSP and Client-Side validations were done.
* Involved in Java code, which generated XML document, which in turn used XSLT to translate the content into HTML to present to GUI.
* Implemented XQuery and XPath for querying and node selection based on the client input XML files to create Java Objects.
* Used Web Sphere to develop the Entity Beans where transaction persistence is required and JDBC was used to connect to the MySQL database.
* Developed the user interface using the JSP pages and DHTML to design the dynamic HTML pages.
* Developed Session Beans on Web Sphere for the transactions in the application.
* Utilized WSAD to create  JSP, Servlets, and EJB that pulled information from a DB2 database and sent to a front end GUI for end users.
* In the database end, responsibilities included creation of tables, triggers, stored procedures, sub-queries, joins, integrity constraints and views.
* Worked on MQ Series with  J2EE technologies (EJB, Java Mail, JMS, etc.) on Web Sphere server.

**Environment:**Java, EJB, IBM Web Sphere Application server, Spring, JSP, Servlets, JUnit, JDBC, XML, XSLT, CSS, DOM, HTML, MySQL, JavaScript, Oracle, UML, Clear Case, ANT.

**Client: Citi Bank Feb 2009- Mar 2010**

**Project: Integrated Clearing System (ICS)**

**Role: Java Developer**

**Responsibilities:**

* Actively involved in Analysis, Detail Design, Development, System Testing and User Acceptance Testing.
* Followed Agile methodology and created Design Docs from Functional Specifications.
* Involved in development of Web Services functions to get data from the Mainframes System.
* Implemented GUI using HTML, CSS, AJAX, and JSP components.
* Used Hibernate ORM framework as persistence engine, actively engaged in mapping, and hibernate queries.
* Involved in writing Spring Configuration XML file that contains declarations and other dependent objects declaration.
* Created configuration files for Spring, Hibernate.
* Involved in writing SQL, PL/SQL queries and stored procedures for the application in Oracle 10g.
* Designed and developed a GUI using Java Swing components, and also prepared queries for the backend implemented using Oracle Database Management System.
* Created build scripts using Maven and configured to Cruise Control for generating dynamic builds for UAT and Production.
* Used SVN as Version Control System for the application.
* Provided support to the testing team and also involved in the Bug Fixing.
* Created XML unit test cases for testing the Web Services functions.
* Managing the existing code, documenting all the APIs and testing.
* Involved in fixing the production defects and coordinating the monthly releases.
* Wrote procedures regarding versioning, promotion and coding conventions.
* Involved in writing the training material for the users.

Environment: Java 6.0,Android, J2EE 1.6, JSP, Web Services, SOAP, WSDL, JMS, and IBM Web Sphere 6.1, Ajax, Eclipse 3.2, Spring 2.5, Swings, Hibernate 3.0, Oracle 10g, SVN, Maven, SQL, PL/SQL, Log4j, XML, CSS, Java Script, JUnit, Windows XP and UNIX.

#### Client: Independent Health Association, Buffalo NY Aug 2008- Jan 2009

#### Project: CAP(Core Administrative Platform)

**Role: Java Developer.**

##### **Responsibilities:**

* Followed AGILE Methodology and participated in SCRUM Meetings.
* Maintained CSS and HTML, XSL, XSLT, JavaScript, JSF, Bootstrap for designing Webpages.
* Used Ajax for dynamic search capability.
* Managed Spring tags, JSTL, custom tags and extensive JavaScript for the whole web application.
* Also Utilized Struts Tiles plug-in for the layout management, i18n.
* Developed the presentation layer using Model View Architecture implemented by Spring MVC, which
* was initially done in the legacy system using Struts 1.0.
* Managed Spring Core for dependency injection/Inversion of control (IOC), and integrated with
* Hibernate.
* Extensively worked with Hibernate for Object/Relational Mapping, transparent persistence onto the
* Oracle database which was annotation based.
* Used Annotations to minimize and simplify the use of the XML.
* Managed the security with the help of Spring Security (ACEGI).
* Used XSL/XSLT for transforming common XML format into internal XML format.
* Responsible for writing complex SQL and PL/SQL queries for writing stored procedures.
* Used SVN for version controlling, JUnit for unit testing and Log4j for writing the log files.
* Deployed the application on WebSphere.

Environment: Agile, JAVA EE 5, JUnit, Maven, AJAX, JSP 2.1, JavaScript, RAD 7.0, MYSQL, ORACLE, Web services, SOAP/REST, Apache Axis, XSLT, JSON, Servlets 2.5, HTML, XML, Spring 2.5, Spring Security 2.0, Spring MVC, Hibernate 3.0, Log4j, Maven, WebSphere 6.1, JSF, JAXB, Junit, Tortoise SVN.

**EDUCATION**

* Bachelor of Engineering from JNTU University, India