

**Aruna Surukunta**

**Summary:**

* Have 12+ years of overall IT experience in the design and development of enterprise Web applications using AEM, Java & and J2EE with all phases of the software development lifecycle.
* Over 6+ years of hands-on experience with AEM 6.5,6.3,6.1, 6.0, and Adobe CQ 5.6.
* Strong working experience with AEM **Editable Templates, Components, Dialogs, Listeners, Client Libraries, Sling Models, Workflows, Tags, Asset Management, Apache Sling, OSGI, and JCR frameworks**, **HTML5, CSS, JavaScript, ReactJS**, and other Adobe products such as **AEM Forms, Adobe Analytics, AEM Guides**.
* Implemented **AEM Headless CMS feature** **with SPA framework** and exported JSON to react, mobile, and desktop applications.
* Extended Content Fragments to provide form-based authoring to support the Headless feature. Created Custom widgets Using CF and added them to the CF Models as per the requirements.
* Customized **ACS Commons MCP tools** to implement application-specific requirements.
* Customized workflows and implemented various steps such as process step and dialog participant steps to fulfill the business needs.
* Implemented Resource & and JCR-based Events in AEM and implemented multi-threaded Sling jobs to customize the functionalities in the background.
* Implemented Bulk asset utility to import Digital assets into **AEM DAM** along with required metadata with different rendition sizes. Used Graphics magic commands to generate different rendition sizes of product images.
* Expertise in working with **Docker** containers and Docker Images. Implemented Docker Image to create dispatcher 4.3.3 with the latest version Apache 2.4 to allow HTTP/HTTPS requests in Google Cloud through CI/CD pipeline job.
* Installed and Configured AEM instances (Dev, QA, and Prod) with different run modes and configured maintenance jobs in Linux and Windows environments.
* Automated deployment process with **Jenkins** and implemented pipeline jobs to deploy source code to AEM (DEV, QA, PROD) environments with test reports and pushed to SonarQube.
* Implemented **Mockito Junit** testing**, AEM Mock framework** for Custom components in AEM.
* Good working knowledge of **GIT, Bitbucket, and SVN** for version control and followed agile methodology while developing the application.
* Well-known with SDLC phases with extensive experience in requirements gathering, Analysis, Design, Build, Testing, Documentation, and Maintenance.
* Hands-on experience in integration, debugging, design, analysis, and implementation.
* Mentoring new members and training them with domain knowledge and technologies.
* Excellent interpersonal abilities, communication skills, time management, and team skills with to work hard to attain project deadlines under stressful environments.

**Education:**

* Bachelor of Science in Mathematics & Physics from Kakatiya University, Warangal
* Master’s in science in Mathematics & Physics from Osmania University, Hyderabad, India.

**Certification:**

* Adobe Certified Expert – AEM 6 Developer
* Adobe Community Advisor for 2022

<https://blog.adobe.com/en/publish/2022/04/08/meet-2022-adobe-community-advisors>

**Technical Skills:**

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| **Languages** | Java, J2EE-Servlets, JSP, PHP |
| **Web Technologies**  | HTML5, CSS3, Ajax, JavaScript, jQuery, JSON, XML, JSP |
| **Enterprise Web CMS** | Adobe AEM 6.5, 6.3, 6.1, 6.0, CQ5.6, Drupal. Joomla |
| **Web/Application Servers** | Apache, Docker, Jenkins |
| **Tools/IDE** | Eclipse, IntelliJ |
| **Frameworks** | MVC, J2EE, Servlets  |
| **Databases** | Oracle, SQL Server, JCR (Apache Jack Rabbit/Sling), Adobe CRX. |
| **NoSQL** | JCR (Apache Jackrabbit/Sling), Adobe CRX |
| **Repositories** | GIT, Bitbucket, SVN |
| **Operating Systems** | Windows, Mac OSX |
| **Build Tools** | Maven |
| **Methodologies** | Agile, SDLC, Waterfall |

**Professional Experience:**

# Client: Millipore Sigma, St Louise, MO. Nov 2019 to Till Date

# Role: Sr AEM Engineer /AEM Architect

# Description:

Millipore Sigma is one of the leading brands in the Life Sciences industry. Millipore Sigma re-platformed its own website that was built-in old versions of CQ5.6 to AEM6.5. With this new design, developed and implemented website from the scratch with the latest version of AEM with SPA framework to implement new design and website features to all its customers. With this new design, Customers can easily navigate through the website and find more information about Life science products and catalog information.

**Responsibilities:**

* Created Editable Templates to allow authors to create website pages. Configured policies and customized style system features on components to allow authors to switch the UI of the components based on the wireframe designs.
* Created AEM Components and dialogs and implemented sling models to export the content in the form of JSON.
* Implemented site content structure to meet the client requirement with MSM and implemented rewrite rules to serve the countries that do not exist in AEM. Managed 250 countries with 40 physical channels and implemented a fallback mechanism to avoid 404 for end users.
* Implemented Dispatcher cache flush tool with Sling jobs in AEM, so that Content Admins can use the tool with the browser and execute content process batch-wise to avoid the load on the servers.
* Implemented Brand Defense tokens using rollout configurations. When the user does the rollout operation it scans the page content identifies the tokens added and updates the tokens as per the country and languages.
* Implemented a servlet to send the webinar listing page data in the form of chunks, so that the react application can consolidate the content.
* Customized workflows to automate the process of creating Events, Webinar, and Press listing pages.
* Implemented Asset import Utility to upload the assets from a network drive using the Asset API framework and with specific metadata using a text file.
* Implemented a Managed Controlled process to import and export bulk tags into AEM using an Excel sheet to update tags on AEM pages.
* Implemented Mockito, Junit, and AEM mocks to for the backend OSGI services, and sling models.
* Created Docker Container with Apache dispatcher in DEV, QA, and Prod.
* Implemented pipeline jobs to automate the deployment process with Jenkins.
* Provide estimates, designs, and specifications for AEM templates, components, and workflows.
* Setup and configure Authoring and Publishing environments, replication agents, and AEM dispatcher to simulate the production environment.
* Maintain regular communication on project status with the Scrum master and Product Owner.
* Actively attend daily standup calls and update day-to-day progress on the assigned tasks.
* Building and managing relationships with business leaders to understand their goals.
* Created Documentation for various Components of Flow, which was used by the tester to do their testing of the application.
* Provide author training to business users to familiarize them with the design and usage of the system.
* Evaluate code to ensure that it is valid, properly structured, meets industry standards, and is compatible with browsers, devices, or operating systems.

**Environment:** AEM 6.5, Java/J2EE, HTML, React JS, CSS, AJAX, XML, JSON, jQuery, Apache Sling, OSGI, Maven, CRXDE Lite, Sightly, Mockito, JUnit, Bitbucket, Docker, Dispatcher & Google Cloud.

# Client: Microsoft, Redmond, WA. Apr 2019 to Nov 2019

# Role: AEM Developer (Onsite)

# Description:

The marketing and sales team is rewriting the Microsoft.com website into AEM as a cloud platform with various cloud services like Adobe Launch, and Campaigns to provide a better authoring experience to site authors and a better UI experience to the site visitors.

**Responsibilities:**

* Created Editable Templates in AEM for website authoring purposes for authors to simplify their job in creating website pages for Microsoftstore.com
* Created AEM Components to meet the AEM6.5 best practices to author website pages.
* Implemented Style System feature to the authoring AEM components.
* Created Sling Models to render dynamic data by creating AEM components and dialogues. Followed best practices of OSGI and Sling annotations.
* Created custom OSGI dynamic Components and Services to export data from third-party services into AEM.
* Provide estimates, designs, and specifications for AEM templates, components, and workflows.
* Setup and configure Authoring and Publishing environments, replication agents, and AEM dispatcher to simulate the production environment.
* Actively attend daily standup calls and update day-to-day progress on the assigned tasks.
* Maintain regular communication on project status with the Team lead and project management.
* Building and managing relationships with business leaders to understand their goals.
* Prepared Documentation for various Components of Flow, which was used by the tester to do their testing of the application.
* Provide author training to business users to familiarize them with the design and usage of the system.
* Evaluate code to ensure that it is valid, properly structured, meets industry standards, and is compatible with browsers, devices, or operating systems.

**Environment:** AEM 6.5, Java/J2EE, HTML, CSS, AJAX, XML, JSON, jQuery, Apache Sling, CRXDE Lite, JSP, Mockito, JUnit, GIT, Tomcat, Webservices

# Client: Intel, Hillsboro, OR. Sept 2018 to Apr 2019

# Role: AEM Developer (Onsite)

# Description:

Intel Customer Support application provides pre and post-sales support for all its Intel customers through various communication channels. All users can access the ICS application and browse different products to get information by navigating through its knowledge articles. Intel Products can be synced to ICS by using EDW services using Synaptic job which will be executed on alternate weekdays. All knowledge base articles can be created at Salesforce and synced to AEM. This application support 26 different languages to provide its product information in various languages. The client search platform is using Adobe Search & Promote.

**Responsibilities:**

* Provide estimates, designs, and specifications for AEM templates, components, and pages.
* Setup and configure Authoring and Publishing environments, replication agents, AEM dispatcher to cache.
* Created components and templates to meet functional requirements.
* Prepared Documentation for various Components of flow, which was used by the tester to do their testing of the application.
* Worked on creating different OSGI services.
* Translates business requirements into technical details relevant to Adobe AEM.
* Provide author training to business users to familiarize them with the design and usage of the system.
* Evaluate code to ensure that it is valid, properly structured, meets industry standards, and is compatible with browsers, devices, or operating systems.
* Direct interaction with client for involving in requirement gathering, analysis, solution design, coding and unit testing.
* Participate in creating application architecture document to provide deliverables in line with architectural requirements.
* Deliver high quality deliverables and supports peers in quality checks.
* Assign work to team members on iteration basis using Agile methodology.
* Involving in code review, code integration and maintenance.
* Involving in Debugging, Code review, Testing and deploy the changes in all the environments and giving support to DTs, Day1, Preview and Production.
* Support the creation of ‘Go Live’ plan and manage the assigned activities on time.
* Conduct impact analysis of issues logged, prioritize, and ensure that product support is provided as per the committed SLAs.
* Worked as a support team member to resolve the incidents created by users.

**Environment:** AEM 6.3, Java/J2EE, HTML, CSS, AJAX, XML, JSON, jQuery, Apache Sling, CRXDE Lite, JSP, Mockito, JUnit, GIT

# Client: Nissan, Franklin, TN. Aug 2017 to Aug 2018

# Role: AEM Developer (Onsite)

# Description:

Dealer Portal provides an easy way to maintain and update all its dealer’s information. All dealers can access the dealer portal application and check the latest information about Nissan products and events. After login into the dealer portal application, users can see the latest events and alert information. Users also can personalize content such as favorite’s links and assets. Authors can upload documents by using metadata management.

**Responsibilities:**

* Direct interaction with clients for involvement in requirement gathering, analysis, solution design, coding, and unit testing.
* Participate in creating application architecture documents to provide deliverables in line with architectural requirements.
* Deliver high-quality deliverables and supports peers in quality checks.
* Involving in code review, code integration, and maintenance.
* Documenting and sharing new methods/techniques adopted in the project across the team.
* Coordinating and hosting meetings/calls to external vendors/clients to clarify/understand the requirements.
* Created components and templates to meet functional requirements.
* Implemented dispatcher caching to reduce the load to publishers in a production environment.
* Implemented custom metadata schema to upload documents to DAM.
* Configured author and publish instances from dev to prod.
* Implemented query builder queries to search content and display search results using Query builder API.
* Implemented servlets to develop the business logic using GET and POST Requests.
* JIRA used to handle the production/ET tickets and bug reporting Issue tracking tools
* Developed JUnit test classes to test the functionality of a code and used **SonarQube** to track the test case coverage and code standards.
* Worked with Gradle build tool to build and deployed application on AEM application.
* Used Eclipse and CrxDE to develop the Application.
* Interacted with the Quality team about the issues, analyzing thread dumps and fixing them in the testing phase of the Application.

**Environment:** Eclipse, Adobe AEM 6.1, AEM Dispatcher, Adobe CRX 2.2, Angular 1.0, Apache Jackrabbit, OSGi, JSR-170/283, Adobe DAM, Java 1.5/1.6, Oracle 11, JUnit, Maven, CSS, HTML, jQuery.

# Client: Samsung, NJ. Aug 2015 to Sept 2016

# Role: AEM Developer (Offshore)

# Description:

# Samsung.com is a web content management system to update the latest content for all users who are accessing the site. Navigating this website gives the latest updates about Samsung, new launches, and releases to the users.

# Responsibilities:

* Actively involved in the sprint planning, retrospective, and review meetings to analyze business requirements, analysis, design, development, testing, and support.
* Worked on YouTube video Integration with AEM to integrate and display the video using AEM Custom Components.
* Developed custom components that are reusable in Adobe CQ
* Worked on Sling servlets to handle POST and GET requests.
* Worked on Installing/Configuring Adobe CQ to set up the application.
* Worked on configuring author and publish agents to activate the content to publish environment.
* Train the business users on how to author different pages using the common and custom-developed components.
* The prepared author guides involve an explanation of all the templates and components for each webpage of the site
* JIRA used to handle the production/ET tickets and bug reporting Issue tracking tools
* Developed JUnit test classes to test the functionality of a code and used SonarQube to track the test case coverage and code standards.
* Worked with Maven build tool to build and deployed applications on AEM application.
* Used Eclipse and CrxDE to develop the Application.
* JIRA used to handle the production/ET tickets and bug reporting Issue tracking tools
* Developed JUnit test classes to test the functionality of a code and used SonarQube to track the test case coverage and code standards.
* Worked with Gradle build tool to build and deployed application on AEM application.

 **Environment:** AEM 6.1, JCR, Apache Sling, DAM, Package Manager, OSGI, Sightly, HTML, CSS, JavaScript, jQuery, Java, J2EE, SonarQube, Log4j, Tomcat, Maven, Jira, GIT, and JUnit.

# Client: Prime Therapeutics LLC. Minnesota Oct 2014 to Aug 2015

# Role: AEM Developer (Offshore)

# Description:

Prime Therapeutics is an online medicine retailer to provide medicines to users depending on the orders. Users can log in to the system and add medicines to the cart for their own and dependents also. Users can review their order and shipping address and payment history before submitting the order. Depending on the data provided in the shipping details tab users can receive the confirmation through the mail and they will receive the medicines on the corresponding date and time.

# Responsibilities:

* Participated in the implementation of AEM including design, definition, and development of AEM content type models, workflows, templates, and components, and use permissions.
* Worked on Setting up and configuring AEM authoring, publishing, and dispatcher environment with Adobe recommended best practices.
* Followed best practices for secure web programming and deployment. Adhere to internal best practices with respect to coding standards, unit test coverage, automation, and continuous integration.
* Expert in creating components and templates in AEM Sightly and Touch UI development to author website content by using pages.
* Developed custom components that are reusable in Adobe CQusing sling models, OSGI components, and services.
* Documented project information about templates and components for each webpage of the site.
* JIRA used to handle the production/ET tickets and bug reporting Issue tracking tools
* Developed JUnit test classes to test the functionality of a code and used SonarQube to track the test case coverage and code standards.
* Worked with Gradle build tool to build and deployed application on AEM application.
* Used Eclipse and CrxDE to develop the Application.
* Interacted with the Quality team about the issues, analyzing thread dumps and fixing them in the testing phase of the Application.

**Environment:** AEM 6.1, JCR, Apache Sling, DAM, Package Manager, OSGI, Sightly, HTML, CSS, JavaScript, jQuery, ReactJS Java, J2EE, Jira and Gradle.

# Client: Avaya. Santa Clara, CA Sept 2013 to Oct 2014

# Role: OWCC Developer (Offshore)

# Description:

Avaya Online Knowledge (AOK) is developed and implemented as a global Document Management platform to streamline the document upload process and make documents easy to use for business people. Avaya has chosen OWCC (Oracle WebCenter Content) as a unified repository for all its future applications. AOK system will be using the existing environment of GCP systems. Avaya wanted to migrate from the FileNet P8 system to Oracle WebCenter Content. OWCC is a leading Enterprise Content Management System with collaboration technologies. The objective of Migration is to extract all the data from existing FileNet P8 and import it to the target OWCC. Extraction includes documents along with versions, compound documents, folders, metadata, and security with ACL.

# Responsibilities:

* Actively involved in the various phases of SDLC to analyze business requirements, analysis, design, development, testing, and support.
* Followed the Agile development methodology and participated in daily Stand-up meetings to update the task status on the assigned tasks such as technical documentation, building, and development of different modules.
* Involved in preparing the Business and Functional documents.
* Actively involved in the sprint planning, retrospective, and review meetings to analyze business requirements, analysis, design, development, testing, and support.
* Worked on ETL tool to migrate the Documents from FileNet to OWCC.
* Used Oracle 11g to store the data and import it to OWCC using the ETL tool.
* JIRA used to handle the production/ET tickets and bug reporting Issue tracking tools
* Developed JUnit test classes to test the functionality of a code and used SonarQube to track the test case coverage and code standards.
* Interacted with the Quality team about the issues, analyzing thread dumps and fixing them in the testing phase of the Application.

**Environment:** Oracle Web Center Content, FileNet, Java, J2EE, Log4j, Oracle 11g, and web Logic Server.

# Client: Activision Blizzard. Santa Monica, CA. Nov 2011 to Sept 2013

# Role: Drupal Developer (Offshore)

# Description:

Activision Blizzard Inc is a worldwide pure-play and online game console publisher with leading market positions across all categories of the rapidly growing interactive entertainment software industry. It built a diverse portfolio of products that span a wide range of categories and target markets, used on a variety of game hardware platforms and operating systems.

AB has created, licensed, or acquired a group of highly recognizable brands that market to a growing variety of consumers.  Genres include action/adventure, action sports, racing, role-playing, simulation, first-person action and strategy games.

# Responsibilities:

* Actively involved in the various phases of SDLC to analyze business requirements, analysis, design, development, testing and support.
* Involved in architect enterprise Drupal solutions including data, display, and information architecture.
* Developed responsive websites using Drupal CMS, HTML/HTML5, CSS/CSS3, and JavaScript/jQuery.
* Knowledge of PHP, PHP files and theme functions, and knowledge of the Drupal theme layer.
* Develop web solutions in Drupal and PHP implementations in a LAMP environment.
* Developed the modules and templates to meet the project requirements in Drupal using PHP.
* Implemented Role based access permissions to view the website content.
* Involved in preparing the Business and Functional documents**.**
* JIRA is used to handle the production/ET tickets and bug reporting Issue tracking tools.
* Delivered defect-free modules and met the Customer's expectations.
* Interacted with the Quality team about the issues, analyzing thread dumps and fixing them in the testing phase of the Application.

**Environment:** Drupal, PHP, HTML, CSS/CSS3, JavaScript, jQuery, MySQL and Apache Web Server, Unix, Linux.