

Aashay Chapatwala

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Profile Summary:

- Java Web Developer with 5 years of experience in using Web content management tool “Adobe Experience Manager/CQ” for designing Web applications and Portals.
- Currently associated with MasterCard Ltd. as Senior Software Engineer (Technical Lead).
- Hands on experience in using JavaScript, jQuery, CSS and HTML for designing front-end experience for applications.
- Well-developed skills in analysis of requirement, planning, designing, developing, implementing complex requirements and testing in SDLC.
- Experienced Web based application development in Agile & Waterfall methodologies.
- Good communication skills and a good team player aspired to meet commitments & deliverables on schedule.

Technical Skills:

- **Web Application Development:** JAVA, Python, J2EE, JSP, JSTL, JavaScript, jQuery, CSS, Bootstrap, HTML, Stencils
- **Database Management System:** RDBMS, PL/SQL, PostgreSQL
- **Build Tool:** Maven, Gradle
- **Software Tools/IDE:** Adobe CQ 5.6.1, AEM 6.1, AEM 6.3, AEM 6.5, Apache Solr, WinSCP, Putty, Eclipse, IntelliJ, VScode, SQL Developer, git-bash, Splunk

Employment Details:

• **Mastercard Limited (October 2018 – Till Date)**

Project Name: Mastercard Limited – DXP

Concepts developed:

- Designed microservice based solution to fetch the data from Solr for search
- Key member of AEM 6.3 to 6.5 in place upgrade
- Designed custom Json Log format to meet enterprise standards & setup monitors on failure scenarios
- Designed custom authentication filter to pass authorized request for CaaS
- Designed & developed solution to serve protected content through AEM using Akamai EdgeAuth API
- Designed Akamai Netstorage functionality to push DAM content to Akamai
- Built dynamic sitemap & robots.txt generation solution for SEO
- Developed custom logic to automate component creation based on the UI components in AEM
- Integrated Evidon as a cookie consent solution to DXP framework
- Integrated Akamai location detection Edgescape API in DXP framework to detect user location
- Implemented CI/CD model from custom deployment model

- Integrated multiple quality-gates like lighthouse, jacoco, checkstyle, sonar, checkmarx etc.
- Basics of Jenkins & CI/CD using groovy scripts & chef
- Build custom automated script to create AEM components to consume custom business web elements/components created using Stencil JS
- Build end to end (including unit test & e2e test cases) sample custom web element in Stencil JS to understand the behavior of web elements.
- Worked on POC to understand behavior of ShadowRoot & slot.
- Integrated AEM with Adobe Analytics to capture site movement of user.
- Build dynamic Theme fetching model in component dialog & page using datasource servlet.
- Created listener for replication event to invalidate cache on dispatcher & Akamai.
- Developed workflow to identify restricted images before publishing.
- Developed custom CaaS to provide data to consuming SPAs e.g. Navigation, Sitemap etc.
- Build git hooks for project to maintain code quality using Jacoco plugin & commit message standards.
- Improved repository documentation for DXP CMS.

- **Nextrow Pvt. Limited (August 2017 – October 2018)**

Project Name: Mastercard Limited – BrandOS/CIS

Concepts developed:

- Integration of Apache Solr with AEM for indexing & querying custom created data.
- End to end development of backend Java code including Junit Test cases for code quality control.
- Extending the out of the box functionality of Scaffolding for creation of particular custom offers.
- Integration of DAM desktop App for posting bulk data in particular folder hierarchy on AEM DAM.
- Created Multifield dialog in Touch UI for Filters in MasterCard offers.
- Created tag picker dialog in Touch & classic UI for manually offer search.
- Implemented “Web Content Accessibility Guidelines” compliant components for offers & filter pages.
- Developed offer grid component in sightly to fetch the multiple offers data like title, offer id, location, Image path from the Apache Solr.
- Implemented Pagination component to select a path of events from the dialog & show events based on the input number from the authoring dialog.
- Implementation of i18n internationalization in the JS as well as provided localized value of Tags in the filter & calendar.
- Added manual Adobe analytics tag for offer click capture, Filter selection & Sort By option selection.
- Worked on JavaScript & jQuery to fetch and display the data from Apache Solr.
- Implemented live Inventory call integration to fetch the recent status of offers.

- **Infosys Limited (June 2015 – August 2017)**

Project Name: Cummins Power Generation Business Unit: ChannelOne Dealer Portal (Phase-2)

Concepts developed:

- Editing DAM metadata form to include business specific fields for Assets.
- Working with Schedulers to schedule tasks such as synchronization.

- Implementing Mailing system for AEM.
- Secured application from external vulnerability using secure flag in SSL.
- Implemented Google Tag Manager Functionality for the application for website analytics.
- Developed Log In component to track the user visiting the application with login time & username.
- Component to display files from specific folder in DAM in particular format using DAM path.
- Reading the data from excel sheet and displaying in the form of sortable data table.
- Integration with LDAP and siteminder for User sync and authentication.
- Implementing SSO (single sign on) for current and cross domain sites.
- Upgrade of application from CQ 5.6.1 to AEM 6.1 on the application server.
- Offline data compaction of repository to reduce the huge size consumption on the server.
- Application server maintenance using basic UNIX commands with connectivity tools like PUTTY and WinSCP.
- Providing User Access to the application & managing access privileges.
- Implemented secure certificate for BrandMuscle SSO Webservices on Server.
- Resolving security/vulnerability related issues by studying app scan reports using ZAP tool.
- Quickly resolved critical issues on application and maintain SLA time using BMC Remedy tool for defect tracking.
- Resolved a critical issue on application of broken images due to access privilege.
- Quick resolution to an issue called tabnabbing, in which link to another external application was restricting some activities.

Project Name: Cummins Power Generation Business Unit: ChannelOne Dealer Portal (Phase-1)

Concepts developed:

- Developments of Components, Templates, Pages. Using the various console of AEM.
- Developing Servlets as services and using Custom TagLibrary.
- Leveraging Tomcat DBF services and WWSPPS for data calls.
- Integration with ZOHO for form submission.
- User and role management, DAM Management, CUG setup.
- MSM configuration, management of multiple site (role, language & region-based access) using Blueprint and Live copy.
- Creation of dialogs and design dialogs.
- Internationalization and Translation using i18n with AEM.
- Project level GTM implementation and deployment.
- Creating, customizing and using Workflows for efficient automation of tasks.

Accolades/Acknowledgements:

- Adobe certified Master – AEM Sites architect certification
- Contributor to ACS-Commons open source library for AEM
- Published Kshop (Knowledge Portal) article on “AEM integration with Eclipse”
- Adobe Experience Manager 6.0 developer certification (9A0-384) by PearsonVue.
- Attended training for Basics of AEM Social Communities Component
- Learned Basics of AEM Forms on OSGI & AEM Forms on JEE from Adobe documentation
- Batch Topper of Infosys Training in Java (Advanced Java)
- Stream training in core Java, J2EE, JSP, JSF, POJO, JSTL, JavaScript at Infosys, Mysore

- Generic training in Python & PL/SQL at Infosys, Mysore
- Internship at National InfoTech, Surat

Academic Qualification:

- 2015 : B.Tech (Electronics & Communication Engineering) SVNIT (NIT-Surat) – 8.72/10 CGPA
- 2011 : 12th (Higher Secondary) – GSEB Board – 87.6%
- 2010 : 10th (Secondary) – GSEB Board – 91.54%

Extra-Curricular Activities:

- Serving for PRAYAS NGO.
- Publicity Head of Sparsh-TechnoCultural Fest of NIT-Surat 2015
- Coordinator of publicity committee in Mindbend-Techno Fest of NIT-Surat
- Served as a campus ambassador for Thinkware India
- Worked for Sparsh-A healing touch NGO
- Served as a writer for blind students at Andhajan Shikshan Mandal

Declaration:

I consider myself familiar with Content Management aspects. I am also confident of my ability to work as a team. I hereby declare that the information furnished above is true to the best of my knowledge.

Aashay Chapatwala