<u>Sr. AEM Developer</u> - B. Bhargav Naidu

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PROFESSIONAL SUMMARY:

Ø Experience in AEM development and administration of web- based CMS using AEM6.5, AEM 6.4, AEM 6.3, AEM6.2, CQ5.6, HTL, JSP, HTML, CSS supporting internal networking systems

Ø Developed AEM components and templates, template- types and policies, experience fragments on AEM 6.3, AEM 6.4 , and components using Sightly, HTML, JavaScript , and used Sling Models, Worked with AEM OSGI Components, Services, Workflows, Schedulers , and custom AEM OSGI Configurations based on run modes

Ø Utilize AEM Guides for DITA content management to streamline documentation processes and improve content authoring workflows.

Ø Leveraged AEM Guides to design and implement efficient content authoring workflows for DITA content, resulting in increased productivity and reduced time-to-publish.

Ø Utilized AEM Guides' features to establish content reusability strategies , enabling the efficient reuse of DITA content components across multiple publications and projects.

Ø Implemented collaborative authoring features from AEM Guides , enabling multiple authors to work simultaneously on DITA content, promoting efficient teamwork and knowledge sharing.

Ø Experienced in Adobe Experience Manager - AEM Core components, Asset Management, Implementation and using main AEM consoles like authoring environment, CRX DE, Package Manager, Users Administration Area, OSGi consoles.

Ø Extensively worked with Java J2EE and OSGI based API's developing and supporting the data layer and worked on the related API's like the Resource Resolver, Replication API, JCR Node accessing and manipulation API's and data structures

Ø Worked with robots.txt and sitemap.xml to update the site's crawling list over time with new pages and links, Experienced in building environments using Centos RHEL (Redhat Enterprise Linux on AWS), Apache servers, Dispatcher, Installed and worked with Apache modules like the mod_proxy , mod_rewrite , mod_ssl and several other Apache modules(mod_http,..)

Ø Worked in a team for the upgrade from AEM6.3 to AEM6.5 and AEM 6.2 to AEM 6.4, resolved the issues and several DAM Asset related issues, Sling Models and upgrading to Experience Fragments from non Exp Fragments based environment

Ø Worked on design and implementation of modules on Apache Dispatcher, worked on different Search Engine Optimization techniques for improving the performance by using different tools and JavaScript modifications, Analytics files rendering on the header and footer

Ø Have a solid understanding of CQ5 building blocks, CRX repository, Apache Sling, OSGI, Oak Repository and Granite leveraging web content management components for customization and porting of websites

Ø Implemented SSO by Integrating with legacy OKTA Active Directory group to AEM SAML AuthenticationHandler

Ø Worked on Integrating Microsoft Azure Active Directory in to AEM by implementing LDAP, configured LDAP Identity Provider, Sync Handler and External Login Module on AEM

Ø 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 and CQ5/AEM

Ø Designed systems using J2EE based frameworks like MVC Architecture and Hibernate, Hands on experience in working with various IDEs like Eclipse.

Ø Used various tools and IDEs for development and design like Eclipse, IntelliJ, Notepad++ and Sublime.

Ø Developed end to end site with Login, Bank Payment system, multisite hosted site in AEM interacting several services outside AEM using servlets and Sling Models involving 40 sub domains all in AEM and also in several languages using i18n dictionaries

Ø Worked in project with ecommerce kind of exposure with picking the channels and subscribing, payment system on a Reverse Proxy AEM environment

Ø Excellent understanding of relational databases involved in application development using RDBMS like SQL Server, MySQL.

Ø Experience in working on projects with Waterfall and Agile methodologies such as Test- Driven Development (TDD) and SCRUM.

Ø Experience in application and web servers such as Apache and AEM Server

Ø Communicate effectively (both written and verbal) with people at different levels including, internal teams and the senior management.

Ø Self- motivated, able to set priorities to achieve immediate and long- term goals, Experience in performing requirement analysis working with software vendors

Ø Have knowledge on Today's Cloud Technologies like IaaS, PaaS, SaaS. Studied the way services are delivered on the cloud, Knowledge on OpenStack, Study on Amazon Web Services (AWS)

Ø Eager to learn new technologies and can easily adapt to new technologies and tools.

TECHNICALSKILLS:

Languages	Java/J2EE,CSS, Java Script, Python
WebTechnologies	JSP, Servlets, HTML, XML, JSON
Adobe CMS	AEM 6.5, OSGI, Apache Felix, Apach e Sling , JCR, CRX, Apache Jackrabbit, Adobe Analytics , Content fragment, XF, Workflows, Tag management, Apache/Dispatcher, query debugger
IDE/Tools	IntelliJ, PyCharm
CI/CD	Maven, Circle-ci, Splunk
Version control	Git
OS	Unix, maxOS, Windows

PROFESSIONALEXPERIENCE:

Client: Wellcare, Tampa, FL   Duration: Nov 2022- Present
Role: Sr. AEM Developer
Responsibilities:

eate and maintain customer-facing Adobe AEM content management systems.

orking as a software IT developer in an Agile project environment responsible for taking on medium to complex user stories and completing them within a 2-week iteration timeframe

rticipate in an agile scrum development team to groom, plan and deliver the stories.

esign and built components, templates, dialogs, and workflows using the AEM architecture (Sling, CRX, OSGI, JCR, J2EE).

ficiently optimized CDN configurations to enhance performance and security.

orked on setting up AEM projects using Maven.

ork on business-critical tasks and quickly deliver the features based on the priorities.

perienced on OSGi Sling Platform, Deployment & Packaging, CQ repository JCR.

orked on CRX as a repository and accessing the CRX content nodes by SQL Queries and XPath.

T is used as a distributed revision control system for AEM. File vault in conjunction with GIT helps to pull or push the code to developer's machine.

ovide estimates, designs, and specifications for AEM templates, components, and workflows

ilt various web pages using HTML, CSS, Java Script and JQuery.

ovide author training to business users to familiarize them with the design and usage of the system.

ovided end user training and technical guidance to business and technical teams on effectively utilizing Adobe AEM Digital Asset Management (DAM), Page Creation, Component Selection, and workflow management.

uccessfully implemented Akamai CDN solutions for clients and within the organization.

orking on Design, Development, Testing, Administration, and Troubleshooting in Adobe From CQ5, AEM6 and Exposure to Social Collaboration and Users/Groups Administration in AEM.

pertise in debugging and quickly recovering the productions system from an error state.

ilt daily services health check report using Run Deck for monitoring the webservices health check.

Environment: AEM6.5, OSGI, Apache sling, Apache Felix, Web services, core java, HTL, jQuery,JSON, JavaScript.

Client: Tailored Brands, Houston, TX   Duration: Nov 2020 to Oct 2022

Role: AEM Developer

Responsibilities:

· Involved in design and development of reusable components and AEM templates.
· Create and maintain customer-facing Adobe **AEM** content management systems.
· Involved in Agile Methodology, attending daily standups, Sprint reviews.
· Developed digital consumer experiences based on the foundation of the AEM product suite, including AEM, **CRX**, **AEM WCM**, **DAM**.
· Worked on creating Components using Sightly.
· Demonstrated the ability to troubleshoot and resolve CDN-related issues promptly.
· Experienced on **OSGi** Sling Platform, Deployment & Packaging, CQ repository **JCR** &**Jackrabbit**.
· Worked on **CRX** as a repository and accessed the CRX content nodes by **SQL Queries** and **XPath.**
· Analyzing Adobe Output Designer Forms into Adobe Form Live Cycle Designer ES4
· GIT is used as a distributed revision control system for **AEM** . File vault in conjunction with GIT helps to pull or push the code to the developer's machine.
· Developed custom components, customized forms for Internet and Intranet sites of the company.
· Development of **static web pages** , **landing pages** , **category landing pages** using content management system, **Adobe Form AEM**

· Provide estimates, designs, and specifications for **AEM templates**, **components**, and **workflows.**
· Built various web pages using HTML, CSS, Java Script and jQuery.
· Setup and configure **Authoring** and **Publishing** environments, **replication agents** , AEM **dispatcher** to cache the landing pages html and serve as the static pages from Apache.
· Worked on AEM Forms customization by developing the custom form fields, writing the custom constraints for form fields and specifying the global validation resource type at the form level.
· Provide author training to business users to familiarize them with the design and usage of the system.
· Working as part of the team to study user requirements and technical requirements to implement the features requested.
· Implemented the code fixes for various defects in the application.
· Implemented DAO layer functionality for the reports and statistics module.

Environment: Adobe AEM6.2, OSGI, Apache sling, Apache Felix, Web services, core java, JSP, jQuery, React.js

Client: Spectrum, Wyoming, CA   Duration: May 2017-Oct 2020
Role: AEM Consulting
Responsibilities:
· Actively involved in the discovery phase along with Adobe Systems in planning the project and in migrating the landing pages of sling.com website from legacy CMS to AEM
· Point of contact for AEM Development, Production support and weekly deployments, worked on the Linux environment and Created AEM 6.2 Development environment (called sandbox) with Author, Publish and Dispatcher Instances on dedicated AWS Instances installed CentOS7 (Redhat Enterprise Linux) for Sling TV, Dish and MyDish.
· Developed the channel grid component for International pages using Sightly in AEM6.2 Touch UI using Java Script and Java OSGI, Sling Models
· Developed Sling servlet to sync the Channel grid channel labels and stored in AEM node structure, Used scheduler to sync the channel grid channel packages on timely basis from Channel service
· Developed Refer a Friend component to bypass logged in customers(users) to track who referred so that a $ 5 discount is applied to those users
· Expertise in managing internet traffic efficiently, including load balancing and content routing.
· Developed a Custom Video Component which can play a video from DAM or directly from YouTube with a button Image
· Developed a Carousel Component which shows 5images at a time and scrolls automatically , Used Jquery , React JS in component development
· Developed Sling Models for the components and created new model classes as part of upgrading from AEM 6.2 to AEM 6.4 for all the components and wrote JUnit Test cases for the components code validations
· Developed and worked with CQ5 workflows, including public and private workflows and process steps
· Worked on Login component which will redirect using Reverse Proxy to ReactJS Application
· Created CQ Dialogs and Component dialog tabs using granite libraries, multifields , RTE, solved issues related to multifield in components due to OOTB libs and ACS Commons implementations and issues faced with service packs and versions mismatchs
· Worked on upgrade from AEM 6.2 to AEM 6.4, solved several issues related to DAM and size of images, JavaScript, jquery functions clientlib categories and file renderings
· Moved clientlibs from / etc to /apps in the upgrade process and added custom conditions for the Components Dialogues.
· Implemented Akamai CDN for DDoS protection, web application security, and threat mitigation.
· Designed the Deployment Process for QA and Stage Environments and responsible for complete QA and Stage Deployments, getting code and content ready for Prod, Code review, Prepared Prod CABs for Adobe Managed Services, documented the Deployment Process
· Experience with Adobe Analytics, have development knowledge in Google Analytics and tested Google Analytics, Adobe Target
· Tested different interfaces and various scenarios of AEM including Author components, workflows, publish

instance websites, Knowledge on how the AWS Instances are created using Packer, Amazon Machine Image, Terraform
- Worked on setting- up Jenkins for the CICD of dev environment, configuring Vanity URLs in AEM by modifying the Dispatcher file publish-farm rules in the Apache Server, Actively learning AWS on EC2
- Performed AEM Revision Clean Up in the development environment, Implemented VLT- Remote Copy for migrating content in AEM 6.2 and AEM 6.4
- Configured of dispatcher & replication agents for the environment, Installed and Configured mod_proxy and mod_rewrites modules of Apache on the dev environment to enable the RewriteRules for URLs in Apache
- Integrated OKTA Active Directory group into AEM by SingleSignOn (SSO) Implementation on AEM side and configured the User groups and their permissions.
- Worked to Sync Content and DAM between QA and Sandbox environments using Grabbit and VLT-RCP
- Built scripts using Maven POM xml files and deployed apps and content on to environment (sandbox).
- Maintained and Monitored AEM sandbox, QA and Stage of SlingTV debugging integration layer between AEM, other external systems, managing logs separately for each AEM bundle (module)
- Implemented Browser Caching at dispatcher level from second time loaded pages on Sling website
- Implemented AEM Vanity URLs feature by configuring the dispatcher to enable the authors enter the Vanity URLs parallel to use the Apache mod_rewrites
- Solved several issues at dispatcher level by configuring different Apache config files.

Environment: AEM 6.2, 6.4, Adobe Target, Git Hub, RHEL, Apache httpd, Java, J2EE, OSGI, Sling Models, Granite libs, CQ Widget libraries, Angular JS, Java Script, JQuery, HTML5, CSS, JDBC, Hibernate, EJB, AEM, Maven Build, GIT hub, Rally, MS Outlook

Client: Pike Solutions, India.   Duration: Jan 2015 – Nov 2016
Role: Software Engineer
Responsibilities:
- Designed and implemented AEM core components, asset management solutions, and custom workflows.

- Developed Health check report for JEE web services using java framework Spring boot.

- Deploy and configure daily iterative builds of Java EE applications into WAS server environments
- Leveraged Java and web development technologies (HTML, CSS, JavaScript) to build dynamic and responsive web applications.
- Collaborated effectively with cross-functional teams for seamless CDN integration.
- Improved website and application performance through content caching.
- Developed and maintained AEM applications using main AEM consoles, including authoring environment, CRX DE, Package Manager, and Users Administration Area.
- Collaborated with DevOps teams to establish continuous integration and deployment (CI/CD) pipelines, ensuring efficient code delivery.
- Integrated AEM applications with cloud- based platforms, such as AWS and Azure, to optimize performance and scalability.
- Lead the design and development of AEM applications for multiple clients, ensuring optimal performance and adherence to project timelines.
- Utilize extensive knowledge of AEM architecture and technology, including OSGi Framework, Sling, Lucene indexing, and Servlet engine, to build robust and scalable solutions.
- Customize AEM workflows to meet specific client requirements, streamline processes, and enhance content management efficiency.
- Manage AEM user groups and ensure effective access controls and security measures are in place.
- Collaborate with cross- functional teams to integrate AEM with external systems and APIs (REST and GraphQL), facilitating seamless data exchange.
- Oversee AEM deployment using Cloud Manager, ensuring efficient and reliable application rollout.
- Utilize AEM Guides for DITA content management to streamline documentation processes and improve

content authoring workflows.

· Provide technical mentorship and guidance to junior developers, fostering their professional growth.

Environment: AEM, Java, Python, Rest, GraphQL, DITA, OSGI, API's, HTML, CSS, Javascript, CI/CD.

Client: Honeywell Solutions, India.   Duration: Apr 2013 – Dec 2014
Role: Associate Software Engineer
Responsibilities:

· Assisted in developing and provided support for Guest Check-in and Medical Insurance Application
      Participated in resolving technical issues that arise during development.

· Participated in status and review meetings with business team.

· Developed data fields in guest check-in portal and medical Insurance portal using backend as java.

· Designed and Developed UI for Customer Service Modules and Reports using HTML, CSS, JavaScript.

· Created a web application proto type using JavaScript.

· Performed backend operations using Hibernate and native SQL on various databases.

· Proficiently version controlled using tools like GitHub, through Git Bash.

· Developed single page applications using HTML, CSS and JavaScript

· Followed AGILE Methodology for the development lifecycle.

· Developed and executed content delivery strategies for reliable and fast content delivery.

· Involved in all phases of Software Development Life Cycle including requirement, analysis, design,
      development release of the project and support.

· Worked on Java Servlets for login authentication, password hashing.

· Resolved production errors and deployed applications for end users.

· Monitored the logs using Log4j and fixed the problems.

· Used Tortoise SVN for version control.

· Analysis, Design and Implementation of software applications using Java, J2EE.

· Responsible for analysis, design, development, and integration of backend components.

· Involved in the creation and extraction of data from database using SQL queries.

· Involved in high level business meetings and provided feedback.

· Developed data map for Country eligibility using backend as Java.

· Participated in architecture, design discussions and reviews of functional specification.

· Followed AGILE Methodology for the development lifecycle.

· Involved in all phases of Software Development Life Cycle including requirement, analysis, design, development, testing, release of the project and production support.

· Participated in resolving technical issues that arise during development.

· Assisted in developing and supporting Logistics and Trade sphere application-Vastera.

· Built daily services health check report using Run Deck for monitoring the webservices health check.

· Participated in status and review meetings with business team and Vastera team.

· Monitored CDN performance, analyzed data, and provided optimization insights.

· Supported JEE and WAS applications on production issue calls through Service-Now ticketing system.

· Worked on enhancements and change requests for the application.

· Reviewed application logs for issues using Splunk.

· Proficient version controlled using tools like GitHub through Git Bash.

· Deployed and configured daily iterative builds of Java EE applications into PCF (Pivotal

· Cloud Foundry) server environments for multiple feature deployment teams.

· Configured WebSphere Application server and used Maven build tools to build the application and deploy the application in WebSphere server.

· Resolved production errors and deployed applications for end users.

· Developed the SOAP Web Services and associated business modules integration.

Environment: Java, J2EE, Jenkins, GitHub, Splunk, Soap Web Services, SQL, JavaScript, HTML, CSS, ReactJS, jQuery.

EDUCATION: Bachelor's in Engineering (Electronics and Communication Engineering) in 2013 from Andhra University.