BIMAL PARAJULI

Senior AEM Developer · Charlotte, North Carolina 28277

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PROFESSIONAL SUMMARY:

- Around 8+ years of experience in analyze, design, development and implementation of web applications using JAVA, JS, AEM technologies.
- Experience in designing, developing and implementing Web Applications using Java and Maven technologies in Communications, CRM and Health care domains.
- Implemented all phases of SDLC (analysis, design, development, testing and deployment) and was proficient in gathering user requirements.
- Implemented J2EE applications using Collection framework, exception handling and various object-oriented methodologies.
- Experienced in designing and developing enterprise applications using Core Java and J2EE technologies including JSP, JavaScript, jQuery, XML, JDBC, Hibernate, SOA using tools like Spring and Hibernate framework.
- Experience in creating module, component based, Single Page web application with Angular Framework.
- Expertise in AJAX technique to interact with backend in Restful web services using jQuery to process JSON data.
- Experience with creating templates, pages and full sites in HTML5, CSS3, XML, jQuery, JavaScript, bootstrap, Angular 2, JSP and other front-end technologies.
- Implemented JAVA/J2EE design patterns such as Factory, DAO, MVC, Facade, and Singleton.
- Worked on the dependency injection using spring framework with Application Context XML and Annotation based, good working experience in Spring MVC, AOP, IOC, Spring Security and Validation.
- Experienced in generating logging by Log4j to identify the errors in production test environment and experienced in building tools like Maven.
- Used REST services to perform CRUD operations on the database server over HTTP with GET, POST, PUT, DELETE to the Web service
- Hands on experience with JUnit in performing unit tests and Log4J in determining the application functionality.
- Setup and write Selenium test script for Automated testing.
- Working experience of control version tools like GIT.
- Achieved Oracle Certificate of Java Developer and Adobe Certified Expert - AEM 6 Developer

TECHNICAL SKILLS:

Technologies	Java, Groovy, REST, SOAP, SQL, UML, JavaScript, jQuery, HTML 5, LESS.
Development Tools	IntelliJ, Eclipse, Net Beans, STS, MySQL Workbench, NAVICAT, Jenkins, GIT
Frameworks	HTL, OSGi, Angular
CMS	WordPress, AEM
Databases	HQL, MySQL
Operating Systems	Windows XP/7/8/10, LINUX Ubuntu 14.04/16.04, UNIX, MAC-OS
Web Servers	Apache Tomcat, Web Logic, XAMPP, WAMPP

WORK EXPERIENCE

LPL Financial Services, Fort Mill, SC   **Jun 2023 – Present**
Sr. AEM Developer

Sr Software Engineer

Responsibilities:
- Worked on a design, development and implementation of complex systems and solutions for Advisors and Home office users facing business critical
- Built scalable/resilient platform with proper monitoring and alerting system in place
- Worked collaboratively with QA and DevOps teams to adopt automation, continuous integration and deployment best practices to speed up release process
- Communicated with technical and non-technical groups on a regular basis as part of product/project support
- Successfully led the migration of WordPress based website to AEM, implementing a seamless transition with dynamic page generations
- Spearheaded the transition from SOLR based search system to COVEO, enhabcing search functionality and optimizing results for improved user experience
- Effectively managed and co-ordinated task with an offshore development team, ensuring seamless communications and successful delegation of responsibilities.

Environment: Java 8, AEM v6.5, OSGi, REST, COVEO, SOLR, Stencils JS

Deloitte LLP, Charlotte, NC   **Jan 2022 – May 2023**
DC Consultant

Technical Consultant (IPS)

Projects:
Kaiser Permanente

Responsibilities:
- Served as a Technical Consultant at Kaiser-Permanente, with responsibility for managing SPA under kp.org website.
- Handling the Appointment Management system for Northern California Region
- Resolved security defects on the Appointment system and entire AEM application, ensuring the protection and integrity
- Developed the responsive web components with Angular, with the goal of delivering an optimal user experience across different devices and screen sizes
- Managed Web services, making postman request to the service APIs (in Node platform)
- Ran automation scripts to deploy code from lower environment to the production environment, supporting fully on the maintenance of code quality with Sonar cube tool
- Utilized Azure commands to check health status of Pods on prod and non-prod environment

- Investigate / Troubleshoot the web and mobile issue with analysis of request object with the help of Splunk and Dynatrace web tools.

Environment: Java 8, AEM v6.5, Felix OSGi, REST, SOAP, Node JS, Angular

Blue Acorn iCi, Raleigh, NC   **Dec 2017 – Dec 2021**
AEM/JAVA Developer

AEM Developer
Developed, implemented and configured web content management solutions using AEM v6.1 and AEM v6.3. Worked with JAVA, Groovy, XML, JSP, Servlet, AJAX, jQuery and JS to create services and bundles in OSGi. Created editable templates and components to create a consistent, responsive pages in a web platform.

Projects:
Charter Communications – Spectrum Enterprise

Software Developer
Charter Communications is an American telecommunication company that offers its services to customers and businesses under the branding of Spectrum, providing services to over 25M customers in 41 states. It is the second largest cable operator in the United States by subscribers. For this ongoing project, ICIDIGITAL provides a team of AEM technical consultants to develop and support timewarnercable.com and enterprise.spectrum.com. This project includes Front End Development, Backend Development, ADA compliance and custom feature creation.

Responsibilities:
- Attend the daily standups to ensure communications between the development team.
- Led the design and development of frontend components with JSP, HTML, CSS and JS.
- Handle keyboard events and focus, making elements tab-able and browser compatible.
- Refactored existing code and resolved the issues that violated the Accessibility guidelines.
- Modified Dust Templates to render components and make it ADA compliant using Dust JS-helpers.
- Applied REGEX, generate a pattern to edit and manipulate text.
- Used ARIA Live regions, making dynamic contents to be announced by assistive technologies without a page reload.
- Designed and modified existing CSS according to requirements and follow the color contrast ratio for ADA compliance.
- Worked on both responsive Frontend Design and Backend Module.
- Worked with Jenkins, performing CICD deployment, following git-process to manage codebase in bitbucket
- Worked with AEM User and AEM Group Management and Authentication, Login Module, User Authentication.
- Experienced with Java and Groovy to handle the backend bundles, models, servlets and services.
- Worked with AEM query builder to search queries in JCR nodes
- Wrote Groovy scripts to migrate content between instances.
- Worked with cookies and local storage for store data and use to create interactive components, also solving complex problems that needs data persistence in the browser for a short time.
- Followed the AGILE Methodologies, coordinating with offshore developers, mentoring Juniors and following Kanban board.
- Wrote and modified configurable OSGi configs, services.
- Wrote replication service to publish content from Author to Publish instance and vice-versa.
- Completed stories within the commitments made for the sprint, including meeting all conditions of satisfaction and definition of done.
- Strongly review the Pull request code, regression testing and verify no other components are affected by the new change requested.

- Analyzed and investigate the technical issues or bugs that show up in the project. Will support in the maintenance of the application.
- Created new responsive editable templates as per the requirement, also work on the complex authoring to come up with design solutions.
- Completely familiar with the node structure of author, publish and stage instances.
- Some experience with Akamai CDN, Cloud Services like Dynamic Media, Workflow models,
- Setup and write Selenium test script for Automated testing.

Environment: Java 8, AEM v6.1, AEM v6.3, Groovy 2.3.6, Felix OSGi, REST, SOAP, DUST JS, LESS, AJAX, jQuery, Jenkins

Eminence Ways Pvt. Ltd, Kathmandu, Nepal   **Apr 2014 – Jun 2016**
Web Application Developer
Project: Customer Relationship Management | CRM

Description: Contributed to Java web application design and development, using expert knowledge of Spring-Hibernate to deliver on expected features and requirements. Served in a team to develop, and design enterprise-level software systems using Java and Maven Technologies. Created RESTful efficient back-end Web API solutions for a large-scale data analysis using JSON, spring, MVC. Integrated RAD principles into the Software Development Life Cycle

Responsibilities:
- Understanding and analyzing business requirements.
- Designed use case diagrams, class diagrams, and sequence diagrams as a part of Design Phase.
- Involved in injecting dependencies into code using spring MVC.
- Involved in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC).
- Created and maintained mapping files, persisting classes and transaction control in Hibernate to access the database.
- Increased 50% of data reading performance by sharing and query optimization techniques in the database.
- Consumed RESTful Web services provided by different vendor to use for Address verification and validation
- Designed and developed the UI using JSP, HTML, CSS and JavaScript, jQuery, Bootstrap.
- Multithreading was used to process data in chunks to improve performance.
- Built-in Services to deal with the different business operations of the application. Designed and developed presentation layers using JSP, CSS, HTML5, jQuery and JavaScript, JSON in UI pages
- Created and implemented SQL stored procedures and triggers.
- Implemented POJO class in Hibernate to map with corresponding entities of relational database.
- Used Log4J logging framework to write Log messages with various levels.
- Used GIT to keep track of source code versioning.
- Followed Agile methodology to track project progress

Environment: Java 1.7, J2EE, Servlets, JSP, Hibernate, Spring, Log4J, JavaScript, JUnit, SVN, Eclipse IDE, Spring Boot, JUnit, Maven, XML, RESTful Web services.

ACADEMIC PROJECTS

Maharishi University of Management- Fairfield, Iowa   **Sept 2016 – Oct 2017**
Project: Library Management System
Desktop application allows both the users and librarians to manage library books, check-in, check-out, fees, and inventory. Users could search and make a reservation for a book. Librarians could add, update, manage and keep track of the books.

Responsibilities:
- Involved in Analysis, Design, and Implementation of desktop application using JavaFX, MVC, Façade
- Designed layouts with Scene Builder.
- Used Program to an Interface design pattern to add dependency relationships on a class.
- Followed agile software development methodology.
- Used GIT for version control.

Environment: Java 1.7, J2EE, MS-SQL, Scene Builder Eclipse, UNIX, GIT

Project: Attendance Management System
Web application for tracking student's attendance via barcode reader, CRUD features for courses, students, and location.

Application link: click here

Responsibilities:

- Involved in injecting dependencies into code using spring MVC.
- Used Spring Security and Spring Validation for login page.
- Developed architecture, page layouts, databases, and role-based authentication.
- Designed layouts with JSP, CSS, HTML, JS, jQuery, AJAX, Bootstrap
- POJO implementation for ORM Mapping with Hibernate.
- Performed CRUD operation with Spring MVC and REST Web services.
- Followed agile software development methodology.
- Used GIT for version control.

Environment: Java 1.7, J2EE, MS-SQL, spring, Hibernate, Bootstrap Framework, REST Web Service, Ubuntu, MySQL, Pivotal Tomcat, JDK, STS, jQuery, AJAX, Spring MVC, Hibernate, SOC, AOP, and DI, GIT.

Project: Carpooling App

Programmed an application for ride sharing to Users could offer a ride or he/she could ask for an available ride.
Application Link: click here

Responsibilities:
- Involved in designing Front End development with Bootstrap framework and customized CSS.
- Designed database with My-SQL.
- Designed dynamic UI with JavaScript, jQuery and AJAX.
- Followed N-tier Architecture with separate Controller, View, model, Service, Persistence layers.
- Used GIT for version control.
- Implemented Redmine for Project Management tool.

Environment: Java 1.8, Servlet, MY-SQL, Bootstrap Framework, N-tier architecture, AJAX, JSON, Navi cat, JDK, STS, Java Servlet, JSP, AJAX, JavaScript, jQuery, CSS3, HTML5, STS, GIT.

Project: Auction App

Created a web application with Java and Maven technology for online application to buy and sell goods.

Responsibilities:
- Designed a front end with Angular framework.
- Leveraged HTML5, CSS3 and Bootstrap for responsive design of templates in Angular2.
- Implemented Spring MVC for managing dependencies.
- Followed different design patterns like Singleton, façade, MVC, DI, IOC.
- Perform validation for Database entities with Hibernate
- POJO implementation in the Persistence layer.
- Performed CRUD operation with Spring MVC and REST Web services.
- Worked under AGILE software Development Environment.

Environment: Java 1.8, JSP, MY-SQL, JS, jQuery, CSS, Bootstrap, Hibernate, Spring-MVC.

Project: Online Self-Assessment System

Maintained and worked on existing web applications with Spring-MVC and Hibernate framework. This application was designed for students to take exams.
Previous Link: Web application link
After maintained Link: GitHub link

Responsibilities:
- Involved in Requirements gathering, Requirement analysis, defining scope, Design analysis, impact analysis, Integration and deployment.
- Implemented Spring MVC for managing dependencies, validate and application security.
- Used JSP, bootstrap, components, CSS to design layouts. Implemented tiles layout.
- Added animate CSS and different jQuery plugins.
- Maintained the application following Project Management life cycle.
- Identified, Analyzed and followed the risk management.
- Worked on Agile methodology, used GIT for version controlling and used JIRA to plan, track, manage Project.

Environment: Java 1.8, JSP, MY-SQL, JS, jQuery, CSS, Bootstrap, Hibernate, Spring-MVC.

EDUCATION
Master of Science in Computer Science
Maharishi University of Management- Fairfield, Iowa, USA

Bachelor of Software Engineering
Gandaki College of Engineering and Science, Pokhara, Lamachaur-16, Nepal
(Affiliated to Pokhara University)

CERTIFICATIONS
Oracle Certificate: 1Z0-803 Java SE 7 Programmer I

Adobe Certified Expert – AEM 6 Developer