AVINASH YEDLAPALLI

AEM Full stack Developer

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SUMMARY

Passionate and detail-oriented AEM Full Stack Developer with over 2 years of experience in designing, developing, and managing scalable web applications using Adobe Experience Manager (AEM), Java, and React.js. Seeking to leverage my technical expertise, problem-solving skills, and commitment to delivering high-quality digital experiences in a dynamic and growth-oriented organization.

EDUCATION

Bachelor of Technology (B.Tech)
VIT University

📅 2019 - 2023   📍 Amaravati, India
- Computer Science and Engineering

CGPA
8.2 / 10.0

EXPERIENCE

Engineer 1 - Software
Microchip Technology

📅 07/2023 - Present   📍 Bangalore, India
- Revamped **global search** functionality and search landing page, improving UI and increasing page loading time and performance by 40%.
- Implemented SSO **progressive profiling** to capture incremental user data, increasing personalization by 30% and enhancing user experience.
- Achieved a 7% growth in user registrations by integrating **Azure B2C** to enable SSO across multiple pages, improving security and user experience using **OAuth 2.0** integration.
- Developed a functionality within AEM Page Properties to copy metadata between pages, reducing template migration time by 30% and improving workflow efficiency for content authors handling over 100+ pages.
- Developed a new feature **Document Versioning** in the internal web tool to view and update versions of documents available in AEM DAM (Digital Asset Management).
- Developed **reusable AEM components** for product category landing pages, improving design consistency and development efficiency.
- Built and optimized **AEM Schedulers** using Sling Models, Sling Servlets, and JCR queries to automatically retrieve and process over 60,000 documents from the JCR repository, improving content management efficiency and ensuring minimal impact on server performance.
- Integrated **AEM Current User** and **Authorization APIs** with custom form validation logic to dynamically validate form fields based on user roles and permissions, streamlining content authoring workflows and ensuring secure access to specific form elements according to user credentials.

Intern
Microchip Technology

📅 01/2023 - 06/2023   📍 Bangalore, India
- Designed a lower environment **AEM runmode** to allow environment-specific configurations and customizations without altering core code.
- Developed a custom AEM Sling Servlet API for parametric search, using **Sling Models and JCR-SQL2** queries to dynamically display product images in the product detail section.
- Created a custom **AEM Sling Servlet API** to deliver real-time press information on the Microchip intranet portal, streamlining internal communication.
- Wrote **Groovy scripts** to manage metadata in the JCR repository, improving data handling and repository management.
- Resolved critical bugs in high-impact areas, optimizing page performance and functionality, resulting in improved user experience and faster load times.

SKILLS

Content Management System

AEM	HTL-Sightly	Granite UI
Coral UI	OSGI	Apache Sling	JCR
Groovy	JUnit	Mockito

Client-Side

React	JavaScript (ES6+)	CSS
HTML	TypeScript	Bootstrap
jQuery	axios

Server-side

| Java | Python | NodeJS | MySQL |
| MongoDB |

Development & Operations

| GIT | Azure DevOps | Postman |
| OneTrust | Agile | Scrum |

PROJECTS

Portfolio

🔗 https://github.com/avinash2you/portfolio

Tech Stack: React, Tailwind CSS, React Router, Git, GitHub, Netlify
- Built a fully responsive single-page application using **React.**
- Utilized **Tailwind CSS** for utility-first, mobile-friendly UI design.
- Implemented **client-side routing** with **React Router** for seamless navigation.
- Followed **component-based architecture** with reusable and maintainable code.
- Deployed the portfolio using **Netlify** with **Git** version control.

CERTIFICATIONS

Meta Certified Frontend Developer

Introduction to Frontend Development by **Meta**

Meta Certified React Developer

Advanced React Course by **Meta**.