

Avinash Mani Kiran Yedlapalli

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Objective

AEM Full-Stack Developer with 1.5 years of experience in designing, developing, and optimizing web solutions using AEM, React, and Java. Proficient in JavaScript, TypeScript, HTML, CSS, and backend technologies, with expertise in scalable and high-performance applications. Seeking an opportunity to leverage my full-stack expertise in a dynamic and innovative environment.

Technical Skills

- **Content Management:** Adobe Experience Manager (AEM), HTL-Sightly
 - **Programming & Scripting Languages:** Java, Python, JavaScript (ES6+), TypeScript, Groovy
 - **Frontend Technologies:** React.js, Redux, HTML5, CSS3, Bootstrap, Tailwind CSS, jQuery
 - **Unit Testing Tools & Frameworks:** JUnit, AEM Mockito
 - **Backend & APIs:** RESTful APIs, Sling Servlets
 - **Databases:** SQL, JCR (Java Content Repository)
 - **Others:** Data Structures and Algorithms, Git, OneTrust, Azure, IntelliJ, vscode.
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Professional Experience

AEM Full-Stack Developer

Microchip Technology Inc. | July 2023 – Present

- Specialized in AEM core functionalities, including custom and core components, editable templates, content fragments, experience fragments, and workflows, ensuring scalable web solutions.
- Integrated secure authentication workflows using OAuth 2.0 and MSAL.js for Single Sign-On (SSO) with Azure B2C.
- Expert in writing AEM custom client-side validations for forms, user inputs, and content authoring, ensuring data accuracy, security, and compliance with business rules.
- Implemented real-time validation for mandatory fields, character limits, regex-based inputs, date pickers, and conditional logic to enhance the user experience.

- Developed and optimized AEM Sling Models, Servlets, and Schedulers for efficient backend processes and content management. Leveraged JCR SQL2 for high-performance content retrieval, enhancing data querying and system responsiveness.
- Designed and maintained reusable components and libraries, improving project scalability and consistency.
- Integrated APIs using AJAX to populate dynamic data in AEM, enhancing content flexibility and user experience.
- Implemented and managed OSGi configurations, ensuring smooth deployment and system stability.
- Configured and managed User Groups, Roles, and Permissions in AEM for controlled access and security.
- Utilized AEM Generic Lists to store and manage structured data efficiently, enabling dynamic population of dropdowns, metadata management, and reusable configurations across components.

AEM Developer Intern

Microchip Technology Inc. | Jan 2023 – June 2023

- Developed and enhanced UI components with HTL-Sightly, CSS3, and JavaScript.
- Built efficient Sling Servlets and REST APIs for improved backend communication.
- Created and optimized AEM Query Builder queries, improving content retrieval performance in sling servlets.
- Integrated AEM with third-party applications and APIs to enhance functionality and performance using AJAX.
- Developed Groovy scripts for JCR property management, ensuring data consistency.
- Collaborated closely with designers, planning teams, and testers to ensure smooth project execution and feature delivery.
- Actively contributed to Agile development cycles, delivering features within 2-week sprints.

Projects

Movie Search App

Tech Stack: React, Redux Toolkit, TypeScript, React Router, Tailwind CSS, OMDB API

Developed a Movie Search App that allows users to search for movies, view details, and manage favorites. Integrated the OMDB API for dynamic movie search, implemented React Router for navigation, and used Redux Toolkit for state management. Added pagination for better user experience and stored favorites in localStorage for persistence. Designed a responsive UI with Tailwind CSS.

Education

- **Bachelor of Technology (B.Tech)**, Computer Science and Engineering
Vellore Institute of Technology, Amaravati (2019 - 2023) | CGPA: 8.27
- **Intermediate Education (PCM)**
Sasi Junior College (2017-19) | CPGA: 9.86
- **Secondary School Certificate**
Sasi E.M High School (2017) | CGPA: 9.8

Language Proficiency

- **English:** Fluent
- **Telugu:** Native

Personal Details

- **Date of Birth:** 23rd April 2002
- **Gender:** Male
- **Nationality:** Indian
- **Address:** 3-226, Ward No 9, Kalavalapalli, Chagallu (M), West Godavari (D), Andhra Pradesh - 534301

Declaration

I hereby declare that the information provided is true and accurate to the best of my knowledge.

Avinash Mani Kiran Yedlapalli