

EDUARDO LOPES NOWAKOSKI

SENIOR FRONT-END ENGINEER

React | Next.js | Vue.js | Angular | TypeScript | Microfrontends | AEM Integration |

Performance Optimization

Erechim/RS - Brazil | GMT-3

+55 54 99648-5010 | eduardo_nowa@hotmail.com | [linkedin.com/in/eduardonowakoski](https://www.linkedin.com/in/eduardonowakoski)

Professional Summary

Senior Frontend Engineer with 4+ years of experience building scalable enterprise web applications for e-commerce and CMS-driven ecosystems. Strong expertise in React, Next.js, Vue.js, Angular, TypeScript, microfrontends, design systems, SSR/SSG, and frontend performance optimization.

Experienced in legacy modernization, high-traffic platforms, reusable architecture, and enterprise integrations with Adobe Experience Manager (AEM). AI-assisted development workflow using GitHub Copilot, Cursor, Claude, Codex, and browser-based AI tooling to accelerate debugging, refactoring, documentation, and delivery.

Core Skills

Frontend & Architecture:

React.js • Next.js • Vue.js (2/3) • Angular • TypeScript • JavaScript (ES6+) • Microfrontends • Component-Driven Architecture • Design Systems • SSR • SSG • SPA • Responsive Design • Accessibility (a11y)

Performance & Optimization:

Lighthouse Optimization • Lazy Loading • Rendering Optimization • Code Splitting • SEO Optimization • Performance Tuning

Testing & Quality:

Jest • Cypress • Unit Testing • End-to-End Testing • Test Coverage • Clean Code • Code Review

CMS & Integration:

Adobe Experience Manager (AEM) Integration • REST APIs • GraphQL • API Integration • CMS-driven Architecture

DevOps & Workflow:

Git • GitFlow • GitLab • Bitbucket • Azure DevOps • CI/CD • Continuous Integration • Continuous Delivery • Agile (Scrum/Kanban)

Professional Experience

Company: Newfold Digital — April 2026 to Present

Position: Front End AEM Engineer

Main Activities:

- Develop and maintain reusable AEM components using HTL, TypeScript, JavaScript, and SCSS within enterprise CMS environments.
- Build new frontend features and enhance existing components focusing on maintainability, performance, and user experience.
- Create and maintain Editable Templates, Experience Fragments, and reusable content structures supporting multiple business initiatives.
- Develop Sling Models and integrate frontend applications with AEM content and business requirements.
- Collaborate daily with international teams in a fully English-speaking environment, participating in technical discussions, planning sessions, and code reviews.
- Work within Agile teams following Scrum/Kanban methodologies and enterprise development standards.
- Leverage AI-assisted development tools including GitHub Copilot, Cursor, Claude, and ChatGPT to accelerate development, debugging, and delivery.

Company: NTT Data — March 2025 to March 2026
Position: Front End Engineer (AEM Integrated Projects)
Main Activities:

- Built scalable frontend applications using Angular, React, TypeScript, and SCSS integrated with AEM Cloud Service
- Led migration of 4 enterprise portals from AngularJS to Angular 20
- Improved platform performance by 20% and reduced production incidents by 80% through architectural modernization
- Developed reusable AEM components and scalable frontend patterns aligned with Design System initiatives
- Integrated frontend applications with REST APIs and enterprise CMS workflows
- Supported CI/CD pipelines, GitFlow workflows, and automated testing initiatives
- Leveraged AI-assisted development tools including GitHub Copilot, Cursor, Claude, and Codex to accelerate delivery and refactoring

Company: Merkle (Dentsu Group) — March to December 2025
Position: Front End Engineer (AEM Integrated Projects)
Main Activities:

- Developed React, Next.js, and Vue.js applications within a microfrontend architecture for enterprise e-commerce platforms
- Contributed to scalable Design System implementation integrated with AEM
- Improved frontend performance metrics by up to 40%
- Built reusable TypeScript-based frontend modules and scalable UI patterns
- Implemented automated testing with Jest and Cypress integrated into CI/CD workflows
- Applied SEO and accessibility best practices in high-traffic enterprise environments

Company: Compass.uol - December 2022 to February 2025
Position: Front End Engineer (AEM Integrated Projects)
Main Activities:

- Developed scalable frontend features using Vue.js 3, Pinia, and React
- Modernized legacy Vue.js applications reducing technical debt and improving platform stability
- Improved frontend performance by 20% and reduced production incidents by 50%
- Implemented advanced frontend optimization strategies and API integrations
- Built and maintained automated test coverage with Jest and Cypress

Company: Compass.uol - January 2022 to December 2022
Position: Front End Intern (AEM Integrated Projects)
Main Activities:

- Completed intensive training in modern frontend technologies and Adobe Experience Manager (AEM).
- Built practical projects using HTML, CSS/SASS, JavaScript and Vue.js.
- Gained foundational experience integrating frontend applications with AEM CMS architecture.
- Applied Agile methodologies and collaborative workflows using Git, GitLab and testing practices.

Education

- Technology Degree in Systems Analysis and Development, Universidade Regional Integrada do Alto Uruguai e das Missões (URI), 2024.
- Bachelor's Degree in Civil Engineering, Universidade Regional Integrada do Alto Uruguai e das Missões (URI), 2017.

Courses & Additional Training

- English: Professional Working Proficiency (C1)