Jurica Migač

Lead Software Engineer

Experienced backend software engineer with extensive expertise in AEM and feature development, specializing in building efficient, high-performing applications. Passionate about designing and implementing scalable backend architectures, optimizing workflows, and enhancing user experiences through well-structured and maintainable code.

Selected Projects

Adobe Experience Manager Marketing Solution

Led development of custom "blocks" for Emails, cross-different segments with Adobe Campaign integration. As a developer also work on the solution to minimize the size of the Liquid Pixels chain with custom build micro service for URL Shortening, exposed through Akamai and internally made caching.

Global solution for navigation with authoring experience

Working as an Adobe Experience Manager Sites developer on the custom navigation component, which embraces authoring experience, where each and individual container (tab item) could be switched in the edit mode and provide "preview-like" experience while authoring the navigation. Expanding Panel Container to accommodate needs of walking through containers in the edit mode.

Multi-brand CMS solution for Luxury Car Manufacturer

Working as a Lead developer on the AEM (Adobe Managed Services) project. Migration of existing solution for luxury car companies to a new platform Adobe Experience Manager on-premise. Building and reinforcing best practices for component creation, services and integration through reusability across all of the brands on the project.

Work Experience

Java Web Developer @ ecx.io (Mar 2021 - Apr 2022)

Responsible for developing and maintaining AEM components for campaigns and newsletters. Skilled in writing and implementing user stories to streamline content creation. Gained experience in unit testing, documentation, and requirement analysis through internships and hands-on projects. Strong problem-solving abilities and commitment to delivering high-quality solutions. Proven ability to collaborate with cross-functional teams to meet project objectives and business requirements. Worked on migration of the components and content from multi-tenant separated AEM instances into unified AEM instance for Press and Career sites for one biggest clothing brands.

Professional Software Engineer @ IBM iX (Apr 2022 - Present)

Adobe Experience Manager (AEM) Developer with expertise in backend technologies, ensuring scalable and efficient solutions. Experienced in conducting peer code reviews to maintain code quality and enforce best practices. Skilled in developing, optimizing, and maintaining AEM components to enhance digital experiences and business performance. Active in AEM domain development, improving internal projects and applying best practices. Researches Sling and OSGi extensions to enhance AEM functionality. As part of the project, transformed complex requirements into maintainable, high-performance solutions, enhancing system efficiency and scalability. To ensure software reliability, worked implemention of unit, integration testing, reducing defects and improving quality assurance. Worked on defining the technical aspects of user stories and change requests, ensuring clear understanding and seamless implementation for the development team. Additionally, offered technical guidance and acted as the primary point of contact, streamlining issue resolution and fostering knowledge sharing across teams.

Expertise

Docker enthusiast in building AEM specific tools, as Dispatcher Setup for AMS, local environment support for AEMaaCS with docker compose with emphasis of content migration between instances.

Dependency builder or Sling specific annotations, allowing long awaited Java 8 Date injections into Sling.
GraphQL integration researcher with AEM and other Java frameworks.

Certifications & Qualifications

Adobe Certified Expert
- AEM Sites Developer
- AEM Dev/Ops Engineer
- AEMaaCS Migration Expert
- Adobe Analytics Developer

Adobe Certified Master
- AEM Sites Architect

- Master's degree in Information and Software Engineering, Faculty of Organization and Informatics, Croatia

Skills & Interests

- AEM Development (4+ years)
  ◦ Core components
  ◦ Content & Experience Fragments
  ◦ Dynamic Media
  ◦ Migrations
  ◦ GraphQL
  ◦ Dispatcher
  ◦ SSI/ESI
  ◦ Application Performance
  ◦ Caching Strategies
- Unit & Integration Testing (5+ years)
- Backend Development (6+ years)
- Web Development (6+ years
- Mentoring Developers (3+ years)

- SEO implementations
- Clean code
- Google Analytics
- Future Technologies
- Dockerizing scripts
- Automation
- Renditions & Processing Profiles
- Content Migration

Contact

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Languages

- English, Croatian