

Cosmin Arghir

Senior Senior AEM Java Developer | Certified AEM Sites Developer

SUMMARY

- Senior Java Developer with 9+ years of expertise in Java (up to v21), specializing in scalable, modular backend architectures for cybersecurity, banking, and automotive sectors.
- Certified Adobe Experience Manager Sites Developer with advanced skills in AEM as a Cloud Service, Spring Boot, RESTful APIs, OAuth 2.0, and automated data migration using Groovy.
- Proven ability to design secure OAuth 2.0 authentication services, integrate enterprise CRM systems, and implement observability with Elasticsearch and Kibana.
- Experienced in Agile Scrum environments, CI/CD pipelines (Jenkins, Adobe Cloud Manager), and code quality assurance using SonarQube and JUnit testing frameworks.

TECHNICAL SKILLS

Main Technical Skills	Java (9 yr.), AEM (8 yr.), Spring (3 yr.), RESTful API (10 yr.)
Programming Languages	Groovy (5 yr.), Java (9 yr.), JavaScript
Java Frameworks	Spring (3 yr.)
Data Analysis and Visualization Technologies	Kibana (2 yr.)
Databases & Management Systems / ORM	Oracle SQL (3 yr.)
Adobe Experience Manager (AEM)	AEM (8 yr.)
Platforms	AEM (8 yr.)
Methodologies, Paradigms and Patterns	Agile (10 yr.), Scrum (8 yr.)
QA, Test Automation, Security	Apache Maven, JUnit (10 yr.)
Web/App Servers, Middleware	Apache Tomcat
Version Control	BitBucket, Git
Deployment, CI/CD & Administration	CD DevOps pipelines (3 yr.), Jenkins, SonarQube (3 yr.)

SDK / API and Integrations	OAuth (3 yr.), RESTful API (10 yr.)
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WORK EXPERIENCE

Senior Java Developer with AEM - Bitdefender (Global Cybersecurity Platform)

Duration: June 2021 – Present

Summary: Development and architecture of modular backend services for a global cybersecurity platform, focusing on scalability, security, and integration with enterprise CRM and analytics systems.

Responsibilities:

- Architected modular backend services using Java 21.
- Developed and integrated secure OAuth 2.0 authentication and private certificate-based security protocols.
- Engineered backend flows for product license generation and CRM data synchronization.
- Implemented downstream data feeds to analytics platforms for user behavior analysis.
- Monitored and optimized system performance and ensured compliance with cybersecurity standards.
- Implemented observability solutions with centralized log monitoring using Elasticsearch and Kibana.

Technologies: Java 21, OAuth 2.0, Elasticsearch, Kibana, RESTful APIs, CRM platforms (Salesforce, Hubspot)

Senior Java Developer with AEM - KINDRED (Legacy Enterprise Java Solution Refactoring and Cloud Migration)

Duration: December 2021 – March 2024

Summary: Led refactoring of a legacy enterprise Java system to improve maintainability and enable cloud-native migration, including automation of large-scale data migration and integration with Adobe Campaign for customer communications.

Responsibilities:

- Led massive refactoring of legacy Java solution.
- Developed Groovy-based data pipelines for automated large-scale data migration.
- Integrated backend email generation services with Adobe Campaign.
- Established comprehensive testing suite using JUnit and SonarQube.

Technologies: Java, Groovy, Adobe Campaign, JUnit, SonarQube

Java Developer with AEM - CGI (Automotive Industry Backend Solutions)

Duration: August 2019 – December 2021

Summary: Designed and implemented high-performance, scalable Java backend solutions for the automotive industry, collaborating with third-party teams and working in a remote Scrum environment.

Responsibilities:

- Designed and implemented reliable, horizontally scalable Java solutions.
- Collaborated with third-party engineering teams for system integration.



- Delivered customized backend workflows and modular components within a remote Scrum team.

Technologies: Java, Scrum, AEM

AEM Java Developer - Netcentric, A Cognizant Digital Business (Enterprise Client Software Solutions)

Duration: October 2017 – August 2019

Summary: Developed custom Java 8 software solutions for major enterprise clients, including contributions to Siemens Mindsphere Industrial IoT and Cloud Manager deployment pipelines, within an Agile Scrum environment.

Responsibilities:

- Developed custom Java 8 software solutions.
- Participated actively in Scrum and Agile best practices.
- Contributed to backend systems including Siemens Mindsphere and Cloud Manager pipelines.

Technologies: Java 8, Scrum, Siemens Mindsphere, Cloud Manager, Agile

Junior Java Developer - Deutsche Bank (Enterprise Banking Applications)

Duration: April 2015 – October 2017

Summary: Developed new features and maintained enterprise banking applications in a highly regulated Agile environment, utilizing Java 8, Spring Framework, and Oracle SQL.

Responsibilities:

- Developed new features for banking applications.
- Maintained and extended existing codebases.
- Used JAXB, Jackson, and Jasper Reports for data processing and reporting.

Technologies: Java 8, Spring Framework, Oracle SQL, JAXB, Jackson, Jasper Reports

Junior PHP Fullstack Developer - Enterprise Concept (Web Solutions with BPM Integration)

Duration: March 2014 – April 2015

Summary: Developed web solutions integrated with Microsoft SQL and TIBCO BPM systems to automate complex business workflows, using PHP and jQuery for responsive interfaces.

Responsibilities:

- Developed web solutions integrated with Microsoft SQL and TIBCO BPM.
- Engineered BPM solutions to automate business workflows.
- Built responsive interfaces using PHP and jQuery.

Technologies: PHP, jQuery, Microsoft SQL, TIBCO BPM

EDUCATION

- **Universitatea „Politehnica” din București**
Bachelor's degree in Automation Engineer Technology/Technician
2012 – 2016



CERTIFICATION

- Adobe Certified Expert - Adobe Experience Manager Sites Developer

