

Aldo Lushkja

Senior Software Engineer · Full Stack · Java & TypeScript

Milan, Italy · aldo.lushkja@gmail.com · aldolushkja.it · linkedin.com/in/aldo-lushkja · github.com/aldo-lushkja

PROFILE

Senior software engineer with 7+ years of experience designing, testing, launching, and operating software products across fintech, digital trust, logistics, and enterprise environments. Production expertise in Java and hands-on full-stack delivery with TypeScript, Angular, HTML, and CSS. Experienced in distributed systems, technical design reviews, code quality, incident resolution, documentation, and safe production delivery.

PROFESSIONAL EXPERIENCE

Software Engineer · Satispay

2025 – Present

Milan, Italy

- Design, test, and deliver scalable product components for subscription lifecycle management and loyalty-point logic.
- Contribute to technical design and code reviews, keeping service boundaries, testability, reliability, and production behaviour explicit.
- Triage production issues and automate repetitive operational workflows while preserving observability and clear failure modes.

Software Developer · Namirial S.p.A.

2021 – 2025

Italy · Digital trust

- Developed, tested, launched, and maintained backend systems supporting digital trust and secure signing infrastructure.
- Worked on timestamping flows, certificate revocation list management, and security-sensitive integrations.
- Modernised Java services through migrations from Java 7 to Java 21, balancing delivery continuity with technical renewal.

Software Engineer, Freelance · Digipax

2022 – 2025

Remote · Logistics and digital identity

- Delivered full-stack logistics and digital identity products using TypeScript/Angular frontends and Java/Spring Boot backend-for-frontend services.
- Designed three-layer application architectures and supported on-premise deployment models.
- Applied cloud-native and infrastructure-as-code practices using AWS, CDK, Docker, and delivery automation.

Software Developer · Spindox S.p.A.

2018 – 2021

Milan, Italy · Enterprise consulting

- Built and modernised enterprise software for clients including SIAE, TIM, Intesa Sanpaolo, and Fastweb.
- Supported production release cycles in high-stakes environments and contributed to the evolution of legacy systems.
- Worked across product development, automated testing, continuous delivery, code review, technical documentation, and mentoring junior developers.

TECHNICAL EXPERTISE

Languages: Java 21, TypeScript, JavaScript, Python

Backend: Spring Boot, Quarkus, FastAPI, REST APIs, concurrency

Cloud & Data: AWS, CDK, Docker, PostgreSQL, DynamoDB, MongoDB

Frontend: Angular, React, HTML5, CSS3, accessible UI foundations

Architecture: Distributed systems, microservices, event-driven systems, BFF patterns

Engineering: Testing, design/code reviews, debugging, CI/CD, observability, documentation

SELECTED WORK

aldolushkja.it — Personal portfolio built with Astro and TypeScript; delivered through AWS CDK and CloudFront.

tools.aldolushkja.it — Web tools hub for automation, AI-assisted workflows, and developer productivity.

api.tools.aldolushkja.it — Documented serverless API surface using API Gateway and Lambda.

blog.aldolushkja.it — Technical writing on software architecture and engineering decisions.

EDUCATION

Politecnico di Bari

Computer Engineering studies, 2012 – 2017

LANGUAGES

Italian · English · Albanian