Luca Bianchi

CTIO @ MESA • AWS AI Hero • Cursor Ambassador

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SUMMARY

I build production agentic platforms, the serverless economics underneath them, and the organizations that ship them. Chief Technology Officer for 15+ years, from startup to listed-company scale, with a decade shipping AI systems to production. Currently CTIO at MESA and CTO & Board Member of LIDIA, its legal-tech AI company, where I took the Lidia platform from MVP to production serving thousands of customers; founder and AI advisor at Radixia. Hands-on by design: architecture reviews, production code, and reference implementations on AWS, in TypeScript and Python. PhD in Computer Engineering • AWS AI Hero • Cursor Ambassador.

CAREER HIGHLIGHTS

- Legal-tech AI platform taken from MVP to production: thousands of customers, 500k+ GenAI requests/day.
- SaaS platform scaled to 10M+ users at 40% lower latency; 80% of workloads on serverless, infrastructure cost down an order of magnitude.
- Engineering organizations grown and led to 100 engineers, from startup to listed-company scale.
- A ~60-person organization — 35 engineers plus 20—25 business users and functional analysts — moved to AI-assisted delivery: Cursor, Claude Code, and agents inside the SDLC.

SKILLS

Agentic AI • AWS • Serverless • TypeScript • Python • Event-driven architecture • MLOps

AI ENGINEERING	Agentic AI • AI Agents • Generative AI • Amazon Bedrock • Claude Agent SDK • Strands Agents • RAG • GraphRAG • Vector databases • Machine learning • MLOps • LLMOps
AWS & CLOUD	AWS Lambda • EventBridge • Step Functions • DynamoDB • AWS CDK • Infrastructure as Code • Cloud economics / FinOps • Vercel
ENGINEERING	TypeScript • Python • Node.js • Next.js • Event-driven architecture • Microservices • Domain-Driven Design • Event Storming • CI/CD • DevOps • Platform engineering
LEADERSHIP	Technology strategy & P&L • Engineering organization leadership • AI adoption & governance • Vendor & partnership strategy • Board and investor communication

EXPERIENCE

Chief Technology & Innovation Officer · MESA

Apr 2025 – Present

MESA is an ISV building ESG/GRC software used by Big Four consultancies and enterprises.

- Own company-wide AI and cloud strategy; lead the innovation portfolio from technology evaluation to production adoption.
- Led the modernization of the legacy core into DDD bounded contexts, with fitness functions encoded with a Cursor SDK agent that scores progress continuously.
- Architected agents in MESA products, matching business requirements with agentic AI capabilities.
- Enabled company-wide AI adoption after a failed GitHub Copilot rollout — internal hackathon, free-to-fail playground — and brought business users into the SDLC: Event Storming before any prompt; agents for requirements modeling, bounded-context extraction, and architecture review.

CTO & Board Member · LIDIA

Apr 2025 – Present

MESA's legal-tech AI company: agentic knowledge management for legal and compliance work.

- Architected the Lidia platform, event-driven, agentic, on Amazon Bedrock with RAG/GraphRAG retrieval, and took it from MVP to production serving thousands of customers, at 500k+ GenAI requests/day.
- Board member: technology governance for the venture. Presented the platform architecture at AWS Summit Milano 2026.

Founder, Shareholder & AI Advisor · Radixia

Feb 2025 – Present

- Advisory seat in a founder-led venture, held alongside the MESA executive role: re-architected a healthcare cloud platform to be AI-ready; built a multi-agent content pipeline on Strands Agents and Claude (github.com/radixia/rooting-agentic-pipeline).

Contract Professor, Human-Computer Interaction · University of Pavia

Mar 2025 – Apr 2026

Adjunct engagement, held alongside the executive roles.

- Designed and taught the MSc-level Human-Computer Interaction course, bridging academic foundations with industry practice.

Chief Technology Officer & Field CTO · Neosperience S.p.A.

2011 – Mar 2025

A pivotal player in defining the Customer Experience market — listed Italian ISV and system integrator. Joined leading R&D; CTO from Oct 2014; Field CTO from Jan 2024.

- Built the DevOps practice that took delivery from monthly releases to weekly sprints with on-time production deployments.
- As Field CTO: technical authority in top-customer deals with direct P&L impact; owned strategic vendor relationships, AWS included.
- Led R&D through 2022: applied machine learning to customer analytics, with a prototype-to-product pipeline.
- Under this tenure, Neosperience was named Gartner Cool Vendor (2013), Red Herring Top 100 Europe, Top Innovation Award Italy (2014), QUID Innovation Italy Winner.

Chief Technology Officer · Neosperience Health

Oct 2022 – Feb 2025

Healthcare spin-off of Neosperience; concurrent mandate.

- Built and led internal and outsourced delivery of an AI healthcare SaaS: domain-driven architecture, MLOps adoption.
- Owned the technical narrative for investors and key customers.

CTO & Board Member · WizKey

2018 – 2023

Fintech spin-off of Neosperience: credit and finance products on Ethereum; concurrent mandate.

- Board member and CTO: technology governance and delivery of Ethereum smart-contract products.

Earlier roles · Neosperience · Neos · University of Pavia

2006 – 2011

- Senior Solution Architect, Neosperience (2010—2011): microservices with Grails, Spring and AWS, plus iOS SDK development. VP Platform & Evangelism, Neos (2009—2011).
- PhD researcher, University of Pavia (2006—2010): high-performance computing on GPU architectures (CUDA, IBM Cell).

COMMUNITY & RECOGNITION

- AWS AI Hero, previously AWS Serverless Hero — recognized by AWS for contributions to the community • Cursor Ambassador
- Co-organizer, ServerlessDays Italy & Serverless Meetup Italy (2018 — Present) and AWS Community Day Italy
- Author, The Agentic Stack — newsletter on AI agents and agentic architectures (theagenticstack.dev)
- Author, AgentOS (book, in progress) — production agentic architectures. Mentor, Startupbootcamp Milan (2024)
- Public code at github.com/aletheia — wordprint, radixia/rooting-agentic-pipeline, mesagroup/mesa-cli. Most 2026 work is private (MESA / Lidia).

SELECTED TALKS

- **AI Agents for Documents** — MLOpsDay 2026, Bologna
- **Event-Driven AI Agents: Orchestrating Long-Context Legal Processing at Scale** — WeAreDevelopers Summit 2026, Berlin
- **Agentic Knowledge Management on Amazon Bedrock** — AWS Summit Milano 2026
- **Documents Are Not Knowledge: Modelling Extraction as an Event-Driven Domain** — Codemotion 2026, Milano
- **Small Language Models for Distributed Agents: Efficiency, Privacy, Sustainability** — WeMakeFuture 2026, Bologna

EDUCATION

- **PhD, Computer Engineering**, University of Pavia (2006 — 2010)
- **MSc, Computer Engineering**, University of Pavia (2004 — 2006) — 110/110 cum laude

LANGUAGES

Italian — Native speaker • English — Full professional proficiency