

Nicola Lisci

Enterprise Architect

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Enterprise Architect with eight years across software engineering, UX and product design in clinical laboratory automation. I define software architectures and drive enterprise AI adoption, and a hands-on background in front-end engineering and design systems means I can tell whether an architectural decision survives implementation.

Experience

Enterprise Architect

Inpeco · Cagliari, Italy · Apr 2025 to present

- Defined the complete software architecture of a new product line and supported the team through execution.
- Designed and built an AI application on a retrieval architecture that materially cut the time needed to answer tenders and bids.
- Contributed to a company-wide AI governance model with executive leadership, across policy, human review and the process joining them.
- Treat provider independence as an architectural requirement rather than vendor lock-in, running two model providers in parallel while the market moves.

UX Team Leader

Inpeco · Cagliari, Italy · Apr 2024 to Apr 2025

- Led a six-person cross-company UX team serving the complete product portfolio, and introduced user interviews and usability testing.

UX Engineer

Inpeco · Cagliari, Italy · Feb 2019 to Apr 2024

- Independently designed and developed an interactive 3D map of a laboratory automation system, later integrated into the flagship product.
- Built and evolved the company's component-based design system across both design and implementation, creating a shared language between UX and front-end engineering.

EARLIER EXPERIENCE

Front-End Engineer (Consultant) Alte Investment Limited · London / Remote · Sep 2019 to Jan 2020

Jr. Front-End Developer Flosslab · Cagliari · Sep 2018 to Jan 2019

IT Intern Accenture · Cagliari · Jan 2018 to Aug 2018

Skills

ARCHITECTURE Enterprise architecture · Software architecture · Product architecture · Modular and component-based design

AI Enterprise AI adoption · AI governance · Agentic systems and AI agents · LLM and RAG architectures · AI-assisted development

PRODUCT AND DESIGN Design systems · UX engineering · Interaction design · User research and usability testing · Accessibility

ENGINEERING TypeScript · Angular · Three.js · NgRx · REST APIs and WebSockets · Robot Framework · Cypress · CI/CD

LEADERSHIP Team leadership · Technical mentoring · Technical hiring · Executive collaboration

Education

Nielsen Norman Group · UX Certification, with Specialty in Interaction Design · 2025

TNV Academy · UX & Product Design · 2020

Università di Cagliari · Web & Mobile Application and IoT — professional technical course · 2018

LANGUAGES Italian — native · English — professional working proficiency