

ALDO PRINZI

CTO · Software Architect · Tech Entrepreneur

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Executive Profile

Visionary technology leader and entrepreneur with over 40 years of hands-on experience in designing, architecting, and guiding complex software architectures. Specialized in translating innovative business concepts into scalable, secure, and high-value-added enterprise products, bridging the gap between C-level strategy and deep technical execution.

Leads and mentors multidisciplinary teams in the agile development of distributed systems, modern cloud solutions, and advanced AI platforms (particularly in healthcare and business automation). Proven expertise in full-cycle strategic management, from R&D and governance to intellectual property protection, technical team building, and high-stakes industrial partnerships.

Selected Strategic Projects

Flussu

Low-code (CRM/ERP) *workflow-driven* platform, designed from the ground up. Manages the entire data lifecycle: ingestion from email/API, entity graph construction, LLM orchestration, and automation via enterprise connectors.

u-prompt

European *prompt-as-a-service* marketplace with a *GDPR-first* approach, designed to protect creators' intellectual property and ensure corporate compliance.

MeRis

Innovative AI platform for diagnostic support in the healthcare sector (patent pending).

Teche RAI

Concept, design, and implementation of the advanced and *full-text* search system for the historical Teche RAI archives. An architecture for aggregating, indexing, and accessing immense volumes of audiovisual and textual data.

Professional Experience

CEO & CTO

[Medigenium SRL](#) · Palermo

June 2023 – Present

- Defining the R&D strategy and technology roadmap for medical devices and AI solutions in healthcare.
- Leading the development and launch of **MeRis**, an innovative AI platform for diagnostic support (patent pending).
- Managing technical validation processes, regulatory compliance, and intellectual property protection.

Founder & CTO

[Mille Isole SRL \(Innovative Startup\)](#) · Palermo

September 2017 – Present

- Conceiving and architecting scalable distributed systems and microservices.
- Creating the open-source platform **Flussu**, overseeing its entire evolution from concept to product.
- Developing advanced AI/LLM solutions for complex workflow orchestration and enterprise automation.

Board Member & Co-Administrator

[Villa Margherita SRL](#) · Palermo

September 2012 – Present

- Strategic oversight, governance, and risk management for the private healthcare facility.
- Defining technology investment budgets and operational process improvement.

Highlights

PROFILE

Technology leader with **40+ years of experience** creating complex software architectures and leading DEV and R&D teams.

STRATEGIC FOCUS

- Artificial Intelligence:** Specialist in applied AI (Healthcare, Business Automation), LLM orchestration, and prompt engineering.
- Enterprise Architecture:** Expert in distributed systems, microservices, and cloud platforms.
- Entrepreneurship:** Proven ability to turn ideas into scalable products, managing the entire lifecycle (R&D, business, governance, IP).

KEY ACHIEVEMENTS

- CEO & CTO (Medigenium):** Leads R&D strategy and launched **MeRis**, an AI diagnostic support platform (patent pending).
- Founder & CTO (Mille Isole):** Created the **Flussu** ecosystem, an open-source *workflow-driven* CRM/ERP, and **u-prompt**, a *GDPR-first* prompt marketplace.
- Architect (Teche RAI Project):** Designed and built the *full-text* search system for the RAI archives.

INTELLECTUAL PROPERTY

Holder of 2 patents: **MeRis** (2023, AI in Healthcare) and **DocuBox** (2012, Document Management).

CORE TECHNOLOGIES

- Languages:** C#, Java, Python, Node.js, PHP; javascript, Typescript
- Architectures:** Microservices, AWS, Azure
- AI:** OpenAI/Anthropic/Google/Grok/DeepSeek
- DevOps:** Docker, CI/CD, GitHub
- DB:** MariaDB/MySQL, PostgreSQL, Oracle, SQL Server

LANGUAGES

- Italian:** Mothetongue
- English:** Fluent
- French, Spanish:** Basic

Distributed Applications Architect

January 2002 – September 2003

CSC Italy SRL · Milan

- Key role in the **Teche RAI** project: designing and implementing the *full-text* search engine.
- Developing custom enterprise software solutions for high-profile clients, including RAI, Rinascente, and Leroy Merlin.

Trainer (Microsoft Official Courses)

January 2001 – February 2002

Mondadori Education SPA · Milan

- Taught advanced programming, local/distributed/web architectures, and relational databases (MOC).

Education & Background

Began studies at **Liceo Artistico** (Art High School), initially targeting Architecture, before pivoting to a passion for information technology. Enrolled in **Electronic Engineering** at the University of Palermo, focusing on software over hardware.

- Later enrolled in the new **Computer Science Engineering** program when it became available.
- Ultimately prioritized his professional career, as his advanced, self-taught skills and real-world project experience had surpassed the formal academic curriculum.
- Continued to collaborate with the university faculty on specific projects, bridging practical experience with academia.

Technical Skills

Architecture & Paradigms	Languages & Runtimes	AI & LLM
• Microservices & Distributed Systems • Cloud-Native Architectures • API Design (REST, JSON/XML, SOAP) • Agile, Product Management	• C#, Java, Python, PHP • JavaScript / TypeScript • Node.js, React, Angular • SQL (T-SQL, PL/SQL)	• Prompt Engineering • AI Workflow Orchestration • OpenAI/Anthropic Integration • RAG Systems
DevOps & Infrastructure		
• Docker, Proxmox, AWS • CI/CD, GitHub • Linux Server, Windows Server • Apache, Nginx • PostgreSQL, Oracle, SQL Server, MySQL		

Thought Leadership & Patents

- **Author:** "How to Ask Questions to Artificial Intelligence" manual (May 2025/Amazon).
- **Speaker:** Microsoft Professional Conference (3 editions) and Novell Conference (1 edition).
- **Founder:** Founding member of UGIdotNET (Italian .NET User Group) (2004).
- **Patents:** **MeRis** (AI in Healthcare, 2023, pending) and **DocuBox** (Document Management, 2012, granted).

Hobbies & Interests

- **Travel & Photography:** Exploring new cultures and capturing them through landscape and architectural photography.
- **Cinema:** A deep appreciation and extensive knowledge of film history, direction, and genres.
- **Culinary Arts:** Passionate and skilled home chef with a keen interest in gourmet cooking.
- **Automotive:** Enthusiast of sports car engineering, design, and driving dynamics.

Data Processing Consent (GDPR)

In compliance with the EU General Data Protection Regulation (GDPR 2016/679), I hereby authorize the processing of my personal data contained in this CV for the exclusive purpose of evaluating my candidacy and managing the recruitment process.