

Giuseppe Acuto

Engineering leader — team growth, software architecture, AI adoption

giuseppe.acuto@gmail.com · giuseppeacuto.com · linkedin.com/in/gacuto · Italy — open to Milan / hybrid

Engineering leader with over a decade in software — eight years building and shipping production systems across France, Switzerland, Germany and Italy, preceded by applied AI research. I lead the Innovation & AI Adoption practice at cloud37: hiring and growing a small engineering team while working hands-on as an architect on client projects. My focus is agentic AI systems — building them, and the architectural and organisational questions they raise. I write about that work at giuseppeacuto.com.

Experience

Practice Leader, cloud37

Sep 2024 – Present

Innovation & AI Adoption practice · Italy

- Lead the Innovation & AI Adoption practice — own hiring, performance reviews and the growth of a small engineering team.
- Act as solution architect across concurrent client engagements — currently a custom optimisation platform for a Swiss energy-sector startup, partnering with the founders on technical direction and product strategy.
- Run discovery workshops that turn open-ended business goals into scoped, buildable architecture.
- Lead presales: shape proposals, estimate effort and present technical solutions to prospective clients.

Stack Java · Spring · React · TypeScript · Python · multi-container Docker · GitLab CI · REST APIs · microservices · Claude Code & Cursor

Independent Technology Consultant

Apr 2024 – Present

- Selected advisory work for early-stage teams on AI adoption, agentic systems and software architecture.

Lead Software Engineer / System Architect, Knowledge Expert

Dec 2018 – Dec 2023

France, Switzerland & Germany (remote) · Senior Software Engineer 2018–2022, Lead 2022–2023

- Led cross-functional, distributed engineering teams delivering enterprise transformation programmes for insurance, telecommunications and public-sector clients.
- Owned solution architecture and technical delivery across multiple concurrent programmes — from architecture runway through hands-on implementation and release.
- First engineer in Europe accredited to deliver the platform vendor's official certification training; designed and ran programmes for client and internal teams.
- Supported presales and RFP responses with architectural guidance to prospective clients.

Stack Java · Python · TypeScript / JavaScript · Node.js · REST & SOAP APIs · Docker · Jenkins · microservices

Software Engineer, Alten — on assignment to Amadeus

Sep 2017 – Dec 2018

Nice, France

- Led a team of eight across a client programme (Amadeus), an R&D initiative and internal projects.
- Built core services in Python and C++ for Amadeus's B2B travel-distribution platform.
- Worked as a servant leader — removing blockers and keeping delivery moving.

Stack Python · C++ · Flask · JavaScript · SQL · MongoDB · REST & SOAP · Jenkins · GitLab

Artificial Intelligence & Computer Security · Palermo, Italy

- Worked on EU- and nationally-funded research in machine learning and deep learning (TensorFlow, Theano), applied to IoT and computer vision.
- Developed computer-security algorithms and explored early blockchain systems.

Selected writing

The Rise of Agentic Workflows

On designing staged, looping AI systems that do real work.

giuseppeacuto.com/post/the-rise-of-agentic-workflows

Least Privilege

On security and access boundaries for AI agents handling sensitive data.

giuseppeacuto.com/post/least-privilege

Questions I'm Sitting With About AI

Honest open problems in applied AI — what works, and what doesn't yet.

giuseppeacuto.com/post/questions-about-ai

Skills

Languages	Python · TypeScript & JavaScript · Java
Frameworks	React · Spring · Node.js
AI engineering	Agentic workflows · Multi-agent systems (CrewAI) · Claude Code & Cursor · Applied ML (TensorFlow)
Infrastructure	Docker · GitLab CI · Jenkins · REST APIs · Microservices
Data	PostgreSQL · MySQL · MongoDB · Oracle

Education

M.Sc. Artificial Intelligence & Robotics — Università degli Studi di Palermo

B.Sc. Computer & Telecommunications Engineering — Università degli Studi di Palermo

Honours — AI Master Thesis Award · Spark Award

Certifications & languages

Certifications	Certified Pega Lead System Architect (CLSA) · Multi-Agent Systems with CrewAI · PreSales Associate
Languages	Italian (native) · English (full professional) · French (full professional)