



Ciro Gallo

Full Stack Software & DevOps Engineer – AI Adoption Expert



CERTIFICATION

Claude Certified Architect Professional

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 15 June 1998

 LinkedIn

 GitHub

 gciro.it

Italian • native speaker

English • B2

Spanish • very fluent

 PROFILE

Full Stack Software & DevOps Engineer with 6 years of experience, graduated with honors in Computer Science. Specialized in Java/Spring Boot backend development and microservices/microfrontend architectures on Kubernetes, more recently focused on integrating AI into products and development workflows as an AI Adoption Expert. I have worked mainly on enterprise projects for the Italian Public Administration, also handling end-to-end CI/CD (Helm, GitHub Actions, Jenkins).

 CAREER



 December 2020

Computer Science degree with honors

 January 2026

AI Adoption Expert at Engineering Ingegneria Informatica Spa

CURRENT

 September 2026

Technical Team Leader at Engineering Ingegneria Informatica Spa

CURRENT

 October 2026

Claude Certified Architect Professional

July 2017

High school diploma with honors

July 2020

Machine Learning Intern at BC Soft Srl

November 2020

Full Stack Developer at BC Soft Srl

June 2021

Software Development Specialist at Engineering Ingegneria Informatica Spa

February 2023

Oracle Certified Professional Java SE 17

My AI Profile

My AI profile goes beyond daily tool use: over the years I have experimented with and adopted several AI CLIs and IDE integrations, in particular GitHub Copilot, Claude and OpenCode, to really understand how they change the way software is designed, written and maintained. Today I take that experience further than being a simple user: I work to integrate AI directly into products, workflows and tools built for both clients and development teams. What interests me most is turning models into concrete capabilities: speeding up complex tasks, improving developer productivity, making processes more efficient and building solutions where AI is not a showcase effect but a real lever of value.

As part of a company-wide initiative to promote AI tool adoption I serve as **AI Adoption Expert**, a point of reference for dozens of colleagues across several development teams integrating AI into company processes. One concrete example: an AI agent I built cut the time to implement a human task for a digital procedure from about 2 days to about 30 minutes.

Claude Certified Architect Professional certification, achieved on October 6, 2026 [verify my badge](#)

AI Projects

Some of the projects I have worked on in the AI space:

LOOM

SaaS platform that acts as an AI-driven accelerator for designing digital administrative procedures, strongly built around RAG (Retrieval-Augmented Generation).

Skill development

Skills built both for personal productivity and for the whole team's, shared with colleagues to streamline development processes.

Agent development

Agents designed vertically around specific domains and internal knowledge bases, giving the team a CLI, and therefore models, already tailored to the domain.

Migration orchestrator

An AI pipeline, an orchestrator, that considerably speeds up migrating procedures from a legacy system to a modern enterprise SaaS platform.

HARD SKILLS

Main stack

Kubernetes

Angular

Spring Boot

Postgres / Oracle / Mongo

Linux

Languages

Java

Python

OCP Java SE 17 certification, achieved on 01/02/2023. [verify my badge](#)

Architecture

My preferred architecture combines **microservices** and **microfrontends**:

MICROSERVICES

+

MICROFRONTENDS

Middleware & Integration



Apache Camel / Camel K



WSO2



My role has never been limited to development: I also write the Helm charts for deployment, the GitHub workflows and the Jenkins pipelines, taking care of CI/CD end-to-end myself.

BUSINESS DOMAINS



HEALTH-TECH

In health-tech, I have worked on telemedicine and remote monitoring projects for patients with contagious (e.g. COVID) or chronic diseases. This gave me the opportunity to learn and apply healthcare-specific standards and protocols such as **HL7v2**, **HL7 FHIR** and **DICOM**.



AG-TECH

In ag-tech, I have worked on projects delivering digital administrative processes, such as agricultural fuel allocation requests. This gave me the chance to work with the **BPMN 2.0** standard and workflow engines such as **Camunda**.



GOV-TECH

In the **Public Administration** space, I have worked on platforms for digitizing and delivering administrative processes, such as registering with the regional register of legal entities and applying for university tuition benefits. This experience deepened my understanding of complex workflow design, digital administrative process management, and integration with public-sector systems, using standards such as **BPMN 2.0** and workflow engines such as **Camunda**.

ENTERPRISE PROJECTS

Diomedee ASL Foggia

Integrated chronic-care management system for remote monitoring of chronic patients. Rolled out across all 8 health districts and 4 hospitals of ASL Foggia, it played a key role in the local health authority's digital transformation, leading to the activation of the regional Telemedicine infrastructure.

Clinical Data Repository (CDR) ASL Foggia

System integrated with the national Electronic Health Record, for digitizing, archiving and accessing patients' clinical data.

Infectious Disease Monitoring System (SMI)

Regione Lombardia

System integrated with the Italian Ministry of Health for the surveillance and monitoring of infectious diseases.

SGPD Lowcode

Regione Puglia, Regione Sardegna

Multitenant SaaS platform for designing and delivering complex digital administrative procedures with a low-code approach, deployed for several clients to manage hundreds of thousands of cases. The platform is now evolving from low-code to no-code, driven by AI.

</> PERSONAL PROJECTS

CSV-expert [Angular](#)

Web app that converts CSV files into highly customizable SQL scripts.

[Goto](#)

Linear Congruence Solver

[HTML](#), [CSS](#), [JavaScript](#), [Bootstrap](#)

Linear congruential equation solver.

[Goto](#)

Educational Youtube channel [2020](#)

The main topics covered are "Software Development", "Computer Science", "Algebra".

[Goto](#)