

Ciro Gallo

Full Stack Software & DevOps Engineer | AI Adoption Expert

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SUMMARY

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, with end-to-end CI/CD (Helm, GitHub Actions, Jenkins) on enterprise projects in Healthcare and Public Administration. Currently AI Adoption Expert: driving the adoption of AI tools and practices across the development team and building AI-driven solutions to accelerate the design of digital administrative procedures.

PROFESSIONAL EXPERIENCE

Technical Team Leader — Engineering Ingegneria Informatica S.p.A.

September 2026 - present

AI Adoption Expert — Engineering Ingegneria Informatica S.p.A.

January 2026 - present

- Go-to reference for dozens of colleagues across multiple development teams on the adoption of AI tools and practices. Concrete example: an AI agent I built enabled a colleague to complete a human task for an administrative procedure in about 30 minutes, versus the 2 days it normally required.
- Building LOOM, an AI-driven SaaS platform based on RAG (Retrieval-Augmented Generation) to accelerate the design of digital administrative procedures: domain-specific AI skills and agents, plus an orchestrator for automated migration of procedures from legacy systems to a modern SaaS platform, with the goal of natively integrating LOOM into SGPD Lowcode to complete its evolution toward no-code.

Software Development Specialist — Engineering Ingegneria Informatica S.p.A.

June 2021 - January 2026

- Diomedee (ASL Foggia) — Developed backend microservices (Spring Boot) and frontend modules (Angular) for chronic disease management and remote patient care, with MongoDB persistence. The project covered all 8 local health districts and 4 hospitals of ASL Foggia, contributing to the activation of the regional Telemedicine infrastructure.
- CDR - Clinical Data Repository (ASL Foggia) — Built the integration between Diomedee and the CDR, a system integrated with the Electronic Health Record for the digitization, storage, and retrieval of patient health data.
- Infectious Disease Surveillance System - SMI (Lombardy Region) — Developed backend (Spring Boot) and frontend (Angular) modules on a relational Oracle database for the full management of infectious disease reports — including COVID-19 monitoring — integrated with the Ministry of Health for epidemiological surveillance.
- SGPD Lowcode (Apulia Region, Sardinia Region) — Worked end-to-end on a multitenant SaaS platform for designing and delivering complex digital administrative procedures with a low-code approach: from architecture to backend and frontend development, on both the procedure-design and procedure-delivery modules. Platform in use across multiple clients, managing hundreds of thousands of case files.
- End-to-end CI/CD — Wrote Helm charts for deployment, GitHub Actions workflows, and Jenkins pipelines for the projects above, personally owning the full CI/CD lifecycle.
- Applied domain standards and protocols: HL7v2, HL7 FHIR, DICOM (Health-Tech); BPMN 2.0 and the Camunda workflow engine (Gov-Tech/Ag-Tech).

Full Stack Developer — BC Soft S.r.l.

November 2020 - June 2021

Machine Learning Intern — BC Soft S.r.l.

TECHNICAL SKILLS

Languages: Java, Python

Frameworks & Platforms: Spring Boot, Angular, Kubernetes

Databases: PostgreSQL, Oracle, MongoDB

Middleware & Integration: Apache Camel / Camel K, WSO2

CI/CD & DevOps: Helm, GitHub Actions, Jenkins, Linux

Workflow & Low-code: BPMN 2.0, Camunda

Domain Standards: HL7v2, HL7 FHIR, DICOM

AI Tools: GitHub Copilot, Claude, Opencode (daily use and IDE/CLI integration); RAG (Retrieval-Augmented Generation)

CERTIFICATIONS

Claude Certified Architect Professional — obtained October 2026 ([verify badge](#))

Oracle Certified Professional, Java SE 17 — obtained February 2023 ([verify badge](#))

EDUCATION

Degree in Computer Science — with honors — December 2020

Classical Studies Diploma (Maturità Classica, Italian high-school diploma) — with honors — July 2017

LANGUAGES

Italian — native

English — B2

Spanish — highly fluent

PERSONAL PROJECTS

- **CSV-expert** (Angular) — web app for converting CSV files into highly customizable SQL scripts — gciro.it/csvexpert
- **Linear Congruence Solver** (HTML, CSS, JavaScript, Bootstrap) — linear congruence equation solver — gciro.it/lcs
- **Educational YouTube channel** (since 2020) — content on Software Development, Computer Science, Algebra — [YouTube channel](#)