



Alessio Anastasi

Senior Full Stack Software Engineer

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PROFILE

I have been writing product software since 2015. Today I build a retail AI agent platform: I designed and built from scratch the ISO 27001-compliant cloud infrastructure it runs on, and I develop the product — the application and the customisable agentic workflow systems that B2B enterprise customers and forward-deployed engineers shape to their own use case.

Before that I built the platform of a fintech startup as a Senior Software Engineer. For the three years before that, as an Alkemy consultant, I was the main owner of the code behind the entry points WindTre bills from — fiber, phones, mobile top-up — a company with almost €4 billion in revenue and more than 18 million mobile lines. And before that, six years covering the full lifecycle across every kind of project — CRMs, management systems, native iOS and Android apps, e-commerce — from ideation to release. Very different contexts, from a startup to a multinational: I learned to adapt fast, and not to assume that what works in one works in the other.

WORK EXPERIENCE

CommerceClarity — Senior Software Engineer

2026 – present

Retail AI Agent Platform · \$3.1M pre-seed (IFF, Vento/Exor)

- Development of the retail AI Agent platform: multi-tenant SaaS with RBAC and AI agent orchestration with MCP servers, RAG and LLM tooling (LiteLLM, Langfuse), with AI workflows on Windmill. In production it routes 9.3 billion tokens a month across 8+ models and providers, peaking at 172 requests per second.
- Python for the AI tooling and MCP servers, and for the async workers and workflows running long-lived tasks.
- Modelled and evolved the product data layer — PostgreSQL, MongoDB, Redis, OpenSearch, queueing on RabbitMQ — over 74M+ documents; audited and cleaned up the data footprint, reclaiming ~132 GB across 16 collections.
- Also designed and built from scratch the entire cloud infrastructure the platform runs on, to take it to production end to end.
- Kubernetes on Google Cloud Platform with Infrastructure as Code (Terraform, Helm) and GitOps via ArgoCD: 3 environments — dev, staging and production — and ~19 Applications, private VPC/VPN networking, ephemeral per-branch preview environments, observability with alerting and Sentry. ISO 27001-compliant infrastructure.
- Platform scaling and reliability driven by production data: eliminated 502/503 errors on the LLM gateway and unblocked worker scale-out, taking peak queue wait from 20 seconds to zero and peak throughput to 460 jobs per minute.

Builder-IT srl — Senior Software Engineer

2024 – 2026

Innovative startup in the finance sector · fintech investments & automations

- Technical reference for an innovative startup in data aggregation and retrieval for investment purposes.
- Designed and implemented the company technical infrastructure, with automated CI/CD pipelines.
- Containerisation and orchestration with Docker and Kubernetes; server, database and automated deploy management.
- Design, UX/UI and development of the company platform, with an integrated CRM and secure payment transactions.
- Built and integrated APIs for third-party services, including web scraping processes for data aggregation.
- Python for scraping and data aggregation, for automations and scheduled jobs, and for the API microservices supporting the platform.

Alkemy — Software Engineer

2021 – 2024

Acquired by the Retex group · 2000+ employees · €100M+ revenue

- Consultant for a leading Telco company (WindTre / Very Mobile), working alongside the UX/UI, sales and product teams.
- Owned and developed the site's main revenue-driving channels: mobile credit top-up, the refurbished phones store and fiber activation, with dynamic offers based on the address and the technology available in the area.
- Projects on the consumer institutional portal, focused on internal application tooling and support for the migration to Adobe Experience Manager.
- Built and integrated proprietary and third-party APIs for payments and geolocation.

- Developed and maintained software modules for GDPR, privacy policy and personal data handling.

Idea Web Italia — Software Engineer

2015 – 2021

Digital Made in Italy · tailor-made automations and done-for-you solutions

- Projects across many sectors, covering the full lifecycle from ideation to release and bug fixing.
- Designed and ran on-premise/cloud architectures with Nginx, Apache and databases (MySQL, PostgreSQL, Redis) on AWS, Google Cloud, DigitalOcean and OVH, with continuous integration pipelines for releases.
- Native iOS (Swift) and Android (Kotlin) apps; Python and shell scripting; WordPress, Shopify and WooCommerce sites.
- CRMs, management systems and custom solutions in PHP, Laravel, MySQL and JS (jQuery, Angular, Vue.js).
- Wireframes and prototypes; Meta/Google campaigns, video content and Google Analytics tracking.

Freelance — Project owner

Personal side-projects scaled as a hobby, up to 4-digit MRR

TECHNICAL SKILLS

Back-end

PHP Laravel Python FastAPI Flask Node.js REST API GraphQL WebSocket JWT OAuth RabbitMQ
Stripe PayPal Multi-tenant SaaS

Front-end

JavaScript TypeScript Vue.js React Next.js Angular

Database

MySQL PostgreSQL MongoDB Redis OpenSearch Elasticsearch

AI & agentic workflows

OpenAI Claude Gemini LiteLLM Langfuse LLM evals RAG MCP (Model Context Protocol) AI Agents
Agentic workflows n8n Windmill

Mobile

Swift Kotlin

Cloud & DevOps

Docker Kubernetes Terraform Helm ArgoCD GitOps CI/CD Google Cloud Platform AWS DigitalOcean
OVH Cloudflare Nginx Apache VPC VPN IaC — Infrastructure as Code ISO/IEC 27001

Testing, Observability & Quality

PHPUnit Unit testing Integration testing End-to-end testing Selenium Playwright Sentry SonarQube
Cloud Logging Cloud Monitoring Alerting

Other

Git Jira Figma UX/UI Prototyping Google Ads Meta Ads SEO Google Analytics FFmpeg

LANGUAGES

Italian — native · English — professional

I consent to the processing of my personal data for recruitment and selection purposes in accordance with the GDPR (EU Regulation 2016/679).