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EDUCATION

🏠 **Master's — Networking & Cloud 2020 — 2022**
Politecnico di Torino
🏠 **Erasmus+ — UPC Barcelona 2021 — 2022**
Universitat Politècnica de Catalunya
🏠 **Bachelor's — Computer Eng. & Electronics 2016 — 2019**
University of Perugia

Profile

Full-stack software engineer with four years across fintech, travel technology, DevOps, and AI-enabled products. I ship end-to-end—from React and React Native frontends and Node.js APIs to Terraform, Kubernetes, and GitOps on Azure—and embed AI through RAG pipelines, LLM integrations, and MCP servers connected to live ERP data.

Recent work includes tech-lead delivery on a link-in-bio commerce platform (performance and intelligence pipelines), structured-products engineering at a Paris fintech, internal deployment tooling for 150+ services at Amadeus, and ongoing freelance mobile and ERP engagements for Italian clients. Comfortable owning architecture as tech lead or contributing hands-on as an individual contributor.

Core skills

📄 Full-stack · 4 years

TypeScript, Node.js, React, React Native, Next.js, Express, Gin, Fastify, Flask, MongoDB

🏠 DevOps · 2 years

Terraform, ArgoCD, Docker, GitOps, Kubernetes, Azure, DigitalOcean, OpenSearch, Heroku, BetterStack

🧠 AI engineering · 2 years

RAG, LangChain, MCP, Claude, Cursor, Hermes, OpenRouter, LLM orchestration, embeddings, vector storage

Experience

● Fullstack Tech Lead — Paage

UGC link-in-bio platform extended with verticals: restaurant-SaaS integrations (e.g. L'Addition) and in-page e-commerce for physical/digital products and events. Joined as Tech Lead — 40% leadership, 60% hands-on delivery.

- Led the engineering team end-to-end—owning architecture, code review, and roadmap—while shipping core product features myself.
- **UI performance overhaul** — cut P99 total page load from 17s → 3s (83% reduction) by refactoring client-side fetch and data-loading logic, optimising backend API endpoints, and applying targeted React rendering optimisations.
- **Intelligence pipeline (Scrape + RAG + LLMs + Analysis)** — end-to-end system for data collection, classification, and clustering using RAG, LLM orchestration, embeddings, and clustering to derive the classification topology. Production pipeline (retrieval, vector storage, eval loop, observability) — powering UX personalisation and product-page SEO to cut churn from misaligned messaging.

📍 Paris 📅 Feb 2026 — May 2026

● Software Engineer — Feefy

Structured-products fintech platform (React, Next.js, Node.js) used by asset managers and private banks, allowing users to buy, request, and create personalised structured products with additional services for issuers and financial advisors.

- Integrated enterprise financial data provider Harvest for real-time portfolio and quotation synchronisation across the platform, keeping positions and account status continuously in sync.
- Designed and implemented a RAG-based system for automated booking, fully integrated with the backend — extending the AI footprint of the platform end-to-end.
- Developed and maintained features across the full product stack — back-office tools and client-facing applications under strict UI/UX constraints.
- Open source: extended the **DigitalOcean Terraform provider** with OpenSearch support on `log_destination` (#1200).

📍 Paris 📅 May 2024 — Feb 2026

● DevOps Engineer — Amadeus

Internal developer-platform and deployment tooling for travel-tech services at global scale.

- Designed hybrid CI/CD pipelines from development to Azure and on-premise infrastructure, integrating Terraform for provisioning cloud resources and bare-metal nodes.
- Built and maintained a Container Deployment Manager orchestrating 150+ services — leveraging Kubernetes, Helm, ArgoCD, Azure technologies, React (frontend), and Python (backend).
- Drove GitOps adoption and self-service deployment workflows, reducing manual release toil across multiple internal teams.

📍 Nice 📅 Jan 2023 — May 2024

● Backend Engineer & Solidity Developer — Fragsy

📅 Aug 2022 — Oct 2023

Web3 community-engagement platform built around D-NFTs — Ethereum-compatible NFTs designed to evolve based on measured community engagement and feed into bespoke rewarding plans. Team of 3 in an early-stage startup; carried full engineering ownership.

- Managed and deployed the first production versions of the smart contracts on Ethereum, including the full NFT minting campaign infrastructure.
- Built integrations with external services and bots (Telegram, Discord, YouTube, etc.) to automate community engagement tracking and reward distribution.
- Developed the dApp frontend integrations — wallet connect, on-chain interactions — and supported the platform launch end-to-end.



Freelance Projects

● Software Engineer, Mobile Developer & AI / Backend — Info.Tel / Gesca

📅 Jan 2024 — ongoing

Cross-functional engineering role for an Italian business-management software company with 100+ clients. Modernised the legacy Gesca ERP ecosystem by building an API layer over their existing data model and delivering a suite of web and mobile applications — currently extending the platform with an AI / MCP integration layer that exposes Gesca data to LLM agents.

- **Corporate landing page** — rebuilt from scratch in Next.js, replacing a legacy HTML/CSS site.
- **API server (Go / Gin)** — designed and built from scratch over the legacy Microsoft SQL database to expose business data to external services and new applications.
- **Sales-agent mobile app** — React Native app for field agents to consult client status (payments, invoices, preferences) and create orders on the go; live on App Store and Google Play.
- **Warehouse & barcode apps** — two React Native apps: one for warehouse staff to register and categorise products via barcode scan, one to link product barcodes with product photography; both live on App Store and Google Play.
- **MCP server** (Go, modelcontextprotocol/go-sdk) on the existing Gesca backend, exposing multi-tenant ERP data as LLM-callable tools with OAuth 2.1 (PKCE) alongside API-key auth; live end-to-end with Claude.ai Connect and the Hermes agent.

● Full-Stack Engineer — Markline

📅 Nov 2025 — ongoing

B2B label-ordering platform for an industrial label printing company. Replaced the legacy email/phone ordering workflow with a self-service experience where invited B2B customers configure, quote, and submit orders end-to-end.

- **Cross-platform client** (Expo / React Native) for iOS, Android, and web — multi-step label configurator (shape, dimensions, paper, finishes, variants, pricing) with PDF artwork upload (multipart, up to 10 files per order).
- **Backend API** (Node.js / Express / TypeScript) with Prisma over SQL Server — JWT auth, order lifecycle, area-based price tiers, and hardened file exchange (validation, ownership checks, nginx upload limits).
- **React admin panel** for catalogue management (shapes, materials, price tiers), user management, order monitoring, and Meridian ERP recovery flows.
- Async integration with Meridian ERP to push orders and artwork files into the production pipeline; automated test coverage (Vitest / Jest), security audits, and production deployment (nginx, CI).

Open Source



DigitalOcean Terraform Provider — OpenSearch on log_destination

PR #1200

Added support for configuring OpenSearch as a log destination in the `digitalocean_database_cluster` resource. The change extends the `log_destination` block schema with OpenSearch-specific fields and wires them through the provider's API client — enabling fully declarative OpenSearch log routing in Terraform. Merged upstream.

Hobbies

Small Electronics & Personalised Hardware

Gym Training

Running