

Jonathan Jot

Technical Lead | Software Architecture and Applied AI

Nice, France | jonathan@dste.ch

linkedin.com/in/jonathan-j-2426a433/ | github.com/npjonath

Remote-first freelance engagements and selected leadership roles

Profile

Hands-on technical leader with 15+ years in full-stack software development. Led Smood's Partner Team of 5–10 people across restaurant products and major partner integrations. Experience spans cloud delivery, developer tooling, applied AI and client-side archive integration with EVS. Currently building DeepFactory and Lisa, both available for private demonstrations.

Core skills

Engineering: TypeScript, Node.js, NestJS, React, Next.js, React Native, Angular, Nx; API integration and software architecture.

Applied AI: Retrieval-Augmented Generation (RAG), large language models (LLMs), LangChain, LangGraph, OpenAI/Anthropic APIs; Model Context Protocol (MCP).

Delivery: Google Cloud, Kubernetes, Docker, Argo CD, GitLab CI/CD, Datadog; team leadership and mentoring.

Experience

Smood | Senior Fullstack Developer / Team Lead

September 2019 – August 2026 | Biot, France

- Led the Partner Team of 5–10 members across restaurant applications and external platform integrations, while remaining hands-on with technical delivery.
- Designed and developed interoperability services for partners including McDonald's, Burger King, Hubrise and Deliverect.
- Initiated and led work on an internal RAG chatbot and a customer-support bot using LangChain/LangGraph and BigQuery.
- Architected and maintained an Nx monorepo spanning NestJS, Next.js, React/React Native and Angular applications and services.
- Created development environment tooling with oclif, Docker and HashiCorp Vault, plus OpenAPI-based SDK generators.
- Contributed to cloud and mobile delivery with Kubernetes, Argo CD, GitLab CI/CD, GCP, Datadog and Expo/EAS.

Earlier experience

TalkTech | Founder & Lead Engineer

September 2017 – September 2019 | Nice, France

- Built Stackatom, a platform for mining and masternode operations, including a custom Ubuntu distribution, web management tools and blockchain integrations.
- Delivered software and workflow consulting, including work for the Institut audiovisuel de Monaco. Stack: TypeScript, Angular, NestJS, Docker and Kubernetes.

Institut audiovisuel de Monaco | IT Manager / Software Architect

October 2011 – September 2017 | Monaco

- Led client-side integration of Appmflow CRM with EVS-supplied media infrastructure spanning three full equipment racks.
- Built integration workflows for streamed playback, automated media ingestion and LTO tape-library control; coordinated design with EVS in Brussels and monitored the migration.
- Developed digital asset management (DAM) and CRM functionality, with middleware for media processing, encoding and archive systems.

Native-Software | Founder & Lead Engineer

July 2010 – December 2013 | France

- Co-developed Krea IDE for Corona SDK and developed Patrick Panics, a mobile game published on iOS and Android.

Independent projects

- DeepFactory: building a creative AI asset workspace for generation workflows. In development; usable in private demos.
- Lisa / AgentCD: building a self-hostable software factory for agent-driven development workflows. In development; usable in private demos.

Education

Edinburgh Napier University | BEng (Honours), Computing | 2009–2011

Upper second-class honours (2:1), awarded June 2011. ENIC-NARIC France comparability: French/EQF level 6, April 2026.

Université Nice-Sophia Antipolis | DUETI, 2010; DUT Informatique, 2009.

Selected coursework

OpenAI Academy, August 2026: AI Foundations; Applied AI Foundations; Agents and Workflows. Course completion certificates.

Languages: French (native/bilingual); English (full professional proficiency).