

Nicolas Simon

Engineering Lead / Tech Architect · Ex-founder

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Backend
TypeScript, Node.js, NestJS, PostgreSQL, MongoDB, Redis

Architecture
Services by business domain, Event-driven (RabbitMQ), System design, Data modelling, API design

AI engineering
Claude Code, Coding agents, MCP, Spec-driven development

Platform
Kubernetes, GCP, GitOps / ArgoCD, Terraform, CI/CD, Datadog

Frontend
React, Next.js, React Native

Leadership
Team management, Hiring & coaching, Roadmap with Product, Engineering standards

French
Native

English
Fluent

EPITA Software Engineering
2015 – 2018

42 Paris Piscine
2015

Improv theatre

Ex-founder and hands-on architect. I co-founded a telephony start-up and built most of it myself, from the first line of code to a launched app, then spent 6+ years at Trusk (last-mile logistics and transport), going from backend engineer to Tech Architect. I take on cross-cutting problems (authorization, data model, tech debt, cost management) and ship them end to end, now with coding agents as a force multiplier. Since 2020: ~3,300 PRs authored and 5,000+ reviewed.

People matter as much as code: I invest in growing engineers, building teams and removing cross-team blockers. I lead a team of 5 developers, hire, onboard and run dailies and retros, and when our CTO left I kept the team together and created a new squad. I push for teams where every developer owns what they ship, all the way to production.

Trusk **Paris**

Engineering Lead & Tech Architect **01/2026 – Present**

- Led the **IAM** authorization overhaul: 250+ PRs across 42 repositories, largely executed by AI coding agents from a written spec; 300+ API routes secured and 11 production services cut over with **zero auth incidents** (feature flags)
- Ship at high velocity across the whole stack: **1,200+ PRs authored in 2026**, many driven through coding agents
- Led the 2026 geocoding centralisation: every call behind one service (~85% served from cache) and a cheaper provider chain, as accurate as Google, projected to **cut geocoding costs by ~95%**
- Mapped the full system landscape (~50 services across 4 business domains) and drove its decommissioning: **11 legacy services retired in 2025**, 15 more through the 2026 migrations
- Co-built the team's AI tooling: **5 Claude Code plugins** (platform knowledge, preview environments, NestJS migration agents, Metabase and Steampipe connectors), MCP access to staging/production data, and ported our design system and a full back-office prototype to Claude Design/Artifact
- Lead the **5-developer Core team** with 2 senior PMs, and hire (3 offers made in Oct 2026)

Tech Architect **02/2025 – 12/2025**

- Own the architecture end to end: services split by business domain, **500+ REST endpoints**, RabbitMQ across 38 services
- Took part in Trusk's 2024–25 shift from a project to a product organisation: 3 small feature teams, each with its own PM and tech lead, aligned on a 12-month tech and product roadmap

- Led delivery of the new central back-office **within a year**: one tool for ~150 internal users (customer care, dispatch, transport), built to retire 2 legacy back-offices and the legacy auth system
- Took the generic State/Status engine from design study (6 architectures compared, up to Temporal workflows) to production: lifecycle roll-up across orders, missions, tasks and roundtrips, now **~74,000 state updates a day**
- Drove the data-model redesign (Order → OrderMission → Mission) and managed the **plan to cut off the legacy one-entrypoint distributed monolith**

Team Lead – Order Taking squad **05/2022 – 11/2025**

- Shipped 20+ retail client integrations; the 34 new B2B clients onboarded over the period (Point P, Sweeek, Poltronesofa, Conforama…) billed **~€7.9M** by Nov 2025. Drafted the technical generalisation of client interop (generic EDI parser and readers, shared EDIFACT library…)
- Helped steer all the application changes of the move from hosted VPS to Kubernetes, then redesigned the dev & release process across 60+ services (GitHub Actions shared workflows, semantic-release, Renovate, Terraform-managed permissions): **release preparation time divided by ~3**
- Led "Maillage National" (Oct 2023 – Mar 2025), Trusk's expansion across France through regional carriers (Goevia, LGT…): ~€190k of revenue in its first 6 months, **~15,000 deliveries and ~€640k over the project**
- Managed the Order Taking squad (4 developers, reporting to the CTO) in Scrum on Linear, writing **~2,300 tickets**, and its roadmap with the Product Manager

Backend Developer **02/2020 – 05/2022**

- Main developer of the B2B pricing engine: per-client price grids for ~10 retail accounts (IKEA, Alinéa, Conforama, Fermob…) billing **~€1.6M a year**
- Ran cross-service platform migrations: 161 PRs across 22 services (container builds to Google Container Registry, shared CI configs, Datadog tracing); moved 9 micro-services onto the shared **RabbitMQ** module with **AsyncAPI** docs
- Main backend developer of the **first version of the driver-app API** (alpha 2 → 6); built the push-notification and SMS-template micro-services from the first commit; redesigned the WMS (Warehouse Management System)

Gaston **Paris**

Co-founder **2018 – 2020**

- Co-founded and ran a telephony start-up (smart-voicemail app), **0 → launched**: from the first line of code to an iOS app live in Sept 2018
- Wrote **~90% of the API** (Node.js, MongoDB, real-time calls on Twilio) and half of the React Native app; serverless on GCP, CI from day one
- **>20k real-time calls in 13 months** and ~350 accounts; named "App of the week" by Maddyness; featured on Europe 1 radio

Freelance **Paris**

Software Engineer & Consultant **2016 – 2020**

- Innovation consulting at Schoolab (educational mini-games); intranet and accounting back-office migration; chatbots, crawlers and websites