# ALEXANDRE PETIT

// Senior Full-stack Engineer & Tech Lead · AI-first

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## // SUMMARY


Freelance since 2024, after 2 years at Theodo and a 3-year engineering apprenticeship, I help teams build and scale tech products. My edge: an AI-first workflow (specs, code, tests, reviews) with line-by-line human review, keeping the same technical and business bar. Proof: an Uber Eats-style platform shipped in 2 weeks. Tech Lead, Senior Engineer, PO and former co-founder & CTO of a crypto startup, I cover product, architecture, infra, CI/CD and team upskilling.


## // LANGUAGES

**French** — Native ■■■■■

**English** — Advanced ■■■■□

**Spanish** — Intermediate ■■□□□

## // SKILLS

**GLOBAL**

Clean Code · DDD · TDD · Hexagonal Architecture · AI-first workflow · Product Ownership · Leadership · Design Thinking · Refactoring · Lean · Turborepo · Monitoring · Performance · Debugging · Clean Architecture

**AI**

Claude Code · Codex · ChatGPT · AI-assisted specs, tests & code review

**FRONTEND**

React · Vue · Next.js · Nuxt · TypeScript · JavaScript · Tailwind · Framer Motion

**BACKEND**

Node.js · NestJS · Express · Rust · RabbitMQ · PHP · Laravel · Symfony · Microservices · APIs

**WEB3**

Solana · Anchor · Ethereum · EVM · ethers.js · wagmi · viem · Solidity · Smart Contract · WebRTC · Alchemy · IPFS

**DATABASE**

PostgreSQL · MySQL · MongoDB · Redis · Elasticsearch · Algolia · Prisma · Drizzle · Supabase · QuestDB

**MOBILE**

React Native · Flutter · Expo

**DEVOPS**

AWS · GCP · Azure · Cloudflare · Docker · Terraform · Pulumi · Ansible · CI/CD · GitHub Actions · GitLab CI · Vercel

## // FIND ME ONLINE

linkedin.com/in/alexandre-petit-peax/
github.com/peax-me
bitbucket.org/Peax10
peax.me

## // PASSIONS

Blockchain / DeFi / Web3 · Running · Swimming · Web animation

## // EXPERIENCE

### Freelance Senior Engineer & Tech Lead

Entrepreneur · Freelance · 04/2024 - Present · Lyon, France

- 10/2026 - 11/2026 **Altisaveurs** - Uber Eats-style platform for luxury chalets: catalog, delivery, back offices, iPad app. Shipped in 2 weeks via an AI-powered workflow with line-by-line review and automated tests
- 04/2025 - 01/2026, rehired 05/2026 - 08/2026 **Abbott** - Tech Lead & PO of a cardiac device patient follow-up and billing platform: new reimbursement rules, GDPR compliance, logging, UX, team mentoring
- 03/2026 - 05/2026 **Fairly Made** - Manufacturing traceability: zero-breakage migration to DDD / hexagonal
- 02/2025 - 03/2025 **Theodo** - Run team reinforcement as a freelancer: incidents, bug fixes, maintenance
- 08/2024 - 11/2024 **Qiara** - Five Apple-style product pages for a smart home security range: 3D and motion
- 04/2024 - 08/2024 **Altaroc** - Evolved a private equity firm's internal tool into an ERP synced with 10+ providers

### Co-founder & CTO

Sharkblock · Part-time, alongside freelance missions · 12/2025 - 08/2026 · Remote

- **Sharkblock** - Solana trading automation platform deciding within 0-1 block (~400 ms) across 30+ DEXs, 400+ parameters. Led 2 devs in a 7-person startup: infra, architecture (DDD, hexagonal), code quality, fundraising

### Software Engineer

Theodo · Employee · 04/2022 - 04/2024 · Lyon, France

- **Meero** - Photo editing SaaS for professional photographers, fully configurable
- **Clapclap** - E-commerce platform for group buying: users pool orders to unlock bulk pricing
- **Kering** - NFT builder that generates and deploys smart contracts on EVM blockchains
- **Gefco** - Two logistics marketplaces: one matching freighters with carriers, the other helping carriers find drivers
- **Skaleet** - Instant payment connector for a core banking platform, replacing a third-party provider

### Software Engineer

Appsolute · Apprenticeship · 12/2019 - 12/2021 · Lyon, France

- **Ouitaste** - Full backend of a gastronomy social network: geo-search, personalized feed, social features. Solo on the backend
- **École des loisirs** - Backend for a digital storefront (books, audiobooks, video). Auto-deploy to app stores, DRM watermarking, payments

### Software Engineer

Sword · Apprenticeship · 10/2018 - 12/2019 · Lyon, France

- **INCa** - Grant management platform for the National Cancer Institute (projets.e-cancer.fr)
- **INCa** - Migrated 300 GB from a 15-year-old legacy system to a relational DB via Talend ETL

### Freelance Developer (alongside studies)

Entrepreneurship · Freelance · 08/2016 - 12/2019 · Dijon, France

- **AliFox.fr** - Product discovery tool with scraping and trend algorithms for e-commerce arbitrage (2019)
- **ULoad.io** - File hosting and streaming platform (2018)
- **HelloQuizz.co** - Social app generating custom images from your Facebook profile (2016)

### Personal Projects (non-professional)

Various Projects · Personal · 2008 - 2020 · Paris

- **AliciaVoyance.fr** - Service marketplace with PayPal payments and live chat (2008)
- **Sarl-Beri.fr** - Website for a Paris-area construction company (2009)
- **Nouvelles-tetes.fr** - Dating site with custom matching algorithm (2010)
- **Dofus Server** - Private Dofus server with reverse-engineered Java emulator (2010-2012)
- **MyParkourBook** - Social network for the parkour community (2011)
- **Home Automation** - DIY home automation box with voice control (2014)
- **Voice Assistant** - Voice assistant desktop app (2016)

### Summer Intern (during prep school)

AbbVie · Intern · 07/2015 - 08/2015 · Dubai, United Arab Emirates

- **AbbVie** - SharePoint intranet for the Dubai office and JavaScript animations for internal tools

### Intern (high school)

123ProdWeb · Intern · 04/2012 - 05/2012 · Bussy-Saint-Georges, France

## // EDUCATION

### Post graduate - Data & IA Cursus

Centrale Lyon · 2021 - 2022 · Lyon, France

### Master of Science - Computer engineering and communications

CPE Lyon · 2017 - 2021 (apprenticeship 2018 - 2021) · Lyon, France

### Preparatory classes for entrance to "grandes écoles" - Maths - TSI

Lycée Gustave Eiffel · 2014 - 2017 · Dijon, France