

Pierre Couturier

Software Developer

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Montpellier, 34000, France

Self-taught 22-year-old full-stack developer passionate about continuous learning, from programming languages to software architecture. Curious and versatile, I have explored a wide range of fields, including front-end and back-end development, data engineering, game development, and reverse engine

EXPERIENCE

Freelance

February 2026 - March 2026
France

Freelance Full-Stack Developer

- Took over and completed a **marketplace** that was already under
- Full-stack development with **NestJS** (backend) and **Next.js** (frontend)
- **Google Places API** integration
- Managing **PostgreSQL** database

Kelkun

August 2024 - October 2025
Saint-Aunès, France

Backend Developer

- Designed modular, scalable backends (monolithic and microservices) with **NestJS** and **GraphQL** APIs
- Modeled and optimized **PostgreSQL** databases
- Set up a **Docker** infrastructure in preparation for a hosting migration
- Built a high-performance queueing system with **Redis** / **BullMQ**, **AWS S3** storage, and automated **PDF** / **ZIP** generation
- Aggregated multi-source data for **KPIs**
- Prototyped AI features and supported **GDPR** compliance
- Contributed occasionally to the frontend (**Next.js** / **React Native**)
- Made critical technical decisions

EDUCATION

O'Clock School

2022 - 2023
France

Professional Title - Web & Mobile Developer

2-year higher-education diploma (RNCP Level 5)

- Full-stack web and mobile development training: JavaScript, HTML/CSS, SQL
- Hands-on projects and professional simulation exercises

PERSONAL PROJECTS

Cardinal: Bot Discord TypeScript • 2019 - 2023 • Collaborative project (v1), then solo

- Developed a Discord bot with external API integrations and a database
- Designed and evolved the architecture across multiple versions

Homelab: Self-hosted server • 2024 - Present

- Self-hosted personal tools: **Gitea**, **PostgreSQL**, **S3**, **ConvertX**, and game servers
- Managed file storage and local infrastructure for personal projects

ADDITIONAL SKILLS

Languages: Python, Rust **Backend:** Express.js, Bun, Elysia **Frontend:** SvelteKit **Data:** MongoDB, SurrealDB
DevOps: GitHub Actions, Docker, Docker Compose, Railway **AI Tools:** LangChain, Mistral, OpenAI, Claude

SOFT SKILLS

Adaptability

Technical curiosity

Autonomy

LANGUAGES

French (native)

English (C1)

INTERESTS

Listening to music

Video games

Reading manga