Adil AIACHINE

SENIOR FULL-STACK ENGINEER • REAL-TIME ARCHITECTURES

Paris, France (Available Full Remote)
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TECH EXPERTISE

Back-End & Real-Time

Node.js | WebSockets | Redis | Express.js | PHP / Symfony | MongoDB | REST APIs

Architecture & Infra

Microservices | Docker | AWS (EC2) | RabbitMQ (Pub/Sub) | Cloudflare | PM2 Cluster | CI/CD

Ecosystem & APIs

Twitch API & Ext. | Shopify API | Stripe

Practices & Quality

Monolith Migration | Design Patterns | PSR Standards | Code Review

LANGUAGES

French (Native) | English (Fluent)

EDUCATION

Bachelor in Digital Solutions Dev
HETIC | 2018 – 2019

Tech Preparatory School
ETNA | 2017 – 2018

> **Senior Full-Stack Engineer (7+ years of exp)**, specialized in high-scalability real-time architectures and distributed systems. Expert in designing interactive platforms and cloud infrastructures built to sustain traffic spikes of **750,000+ concurrent users** (Node.js, Microservices, Redis, AWS). Full end-to-end autonomy.

PROFESSIONAL EXPERIENCE

Lead Tech / Back-End Architect (Consulting / Contract)
Aug 2025 – Present

NoBreaksAllowed / AdTech Streaming • Paris

- **Real-Time Engine:** Architected a proprietary interaction engine synchronizing thousands of viewer actions down to the millisecond (Node.js, WebSockets).
- **High-Scale & Business Impact:** Deployed for major industry partners (Riot Games for *2XKO*, EVA activations), driving measurable engagement boosts and audience metrics on Twitch.
- **Infrastructure:** Built a resilient Docker / AWS / Cloudflare cluster handling heavy traffic bursts while optimizing server costs.

Senior Full-Stack Engineer (Contract)
Feb 2025 – Aug 2025

Twitch / Ankama (Osamodas Campaign) • Paris

- **Volume & Engagement:** 250,000 unique users, 602 installed streamers.
- **Interactive Extension:** Designed the Twitch overlay featuring evolving boss mechanics, community mini-games, and shared real-time XP.
- **Architecture & Security:** Engineered peak load handling, mass vote aggregation, and endpoint security (Node.js, MongoDB, Redis, AWS EC2, Cloudflare).

R&D / Senior Back-End Engineer
Aug 2021 – Jan 2023

Cityscoot • Paris

- **Live Monitoring:** Built a real-time tracking visualization tool processing 18+ million trips for 250,000 active users.
- **Refactoring & Microservices:** Migrated a legacy monolith to Symfony; integrated RabbitMQ event bus to orchestrate .NET microservices.
- **DevOps & CI/CD:** Designed automated Docker deployment pipelines and multi-environment setups across European markets.

Lead Back-End & Hardware Engineer (Executive Project)
Apr 2022 – Jan 2025

VectorSystem • Paris

- **Back-End & Partnerships:** Designed PHP/Symfony architecture with Stripe & UPS integrations. Custom firmware R&D with ACER and event activations with Solary (200+ clients in FR/US/CA).

Full-Stack Engineer (Contract)
Oct 2024 – Jan 2025

BMS ESPORTS • Paris

- **Streaming & E-Commerce:** Built a custom Twitch API Chrome extension; integrated Shopify, Twitch OAuth, and Stripe APIs for merchandise sales & ticketing.

Earlier Experience (2018–2021): TightR (Laravel / Stripe), NetAnswer, epresspack, TCHEKER, Mômji — Full-Stack PHP Dev, REST API integrations, data visualization & database/caching optimizations.