

# Sylvain Rougié

Full-Stack Developer & Cloud Engineer

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## SUMMARY

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Cloud-minded full-stack developer. Nearly four years at Syløe Group as the lead developer of two streaming platforms, from the interface to the infrastructure. I work daily with AI coding agents (Claude Code, Codex).

## WORK EXPERIENCE

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### Full-Stack & Cloud Developer (work-study)

Syløe Group | January 2023 – October 2026

Media and entertainment group. Two-developer tech team, working directly with management.

**TribuShare** (2025 – 2026): Platform where independent filmmakers sell and stream their films. Live in production.

- Lead developer: filmmaker storefronts, page builder, viewer area, multilingual.
- Payments and monthly payouts to filmmakers with Stripe Connect.
- HLS video encoder on AWS Batch that replaced the paid Gumlet service.
- Migration from AWS to Cloudflare Workers, AI assistant built into the dashboard.

**Tribiew / New Road** (2023 – 2025): Interactive web-series streaming platform. Five-month public beta, 900+ sign-ups.

- Lead developer: React website, React Native app, back office, embedded Unity mini-game.
- Missions, leaderboards, shop and Stripe payments, AI-based content moderation.
- AWS infrastructure in Terraform, continuous delivery with GitHub Actions.

**Other group projects** (2025 – 2026): Prototypes and websites for the group's other brands.

- Lanterna: copy-protected offline film player (Rust, Tauri), built with a team of AI agents.
- Shipped several websites to production on Cloudflare (filmtomarket.com, unfairgrace.com).

## PROJECTS

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- **Zero-trust on Kubernetes** (Ynov): Microservices that trust nothing by default: per-service identity, mTLS-encrypted traffic, GitOps deployment.
- **FrameForge** (Ynov): Fault-tolerant batch video encoding on Kubernetes, with job queues and automatic retries.
- **Distributed chat on AWS** (Ynov): Real-time chat across several ECS Fargate containers kept in sync by Redis, infrastructure in Terraform.
- **Full observability** (Ynov): End-to-end tracing of a microservices app, with dashboards and alerts.

## EDUCATION

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**Master's degree, Cloud, Security & Infrastructure** | Ynov Campus Toulouse | 2024 – 2026. French RNCP level 7 (Master's level), work-study

**Application Designer & Developer** | O'Clock | 2023 – 2024. French RNCP level 6 (Bachelor's level), work-study

**Computer Science, first year of Bachelor's** | Université Toulouse III Paul Sabatier | 2021 – 2022

**French Baccalaureate, Maths & Physics** | Lycée Jean Lurçat, Saint-Céré | 2021

## SKILLS

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**Front-end:** TypeScript, React, TanStack Start, React Native, Tailwind CSS

**Back-end & data:** Node.js, Bun, oRPC, PostgreSQL, Drizzle ORM, Redis, Rust

**Cloud & DevOps:** Cloudflare Workers, AWS, Docker, Kubernetes, Terraform, GitHub Actions

**AI:** Claude Code, Codex, Multi-agent orchestration, MCP, Vercel AI SDK

**Security & monitoring:** Zero-trust, Prometheus, Grafana, OpenTelemetry, Sentry

**Video & payments:** FFmpeg, HLS, Stripe Connect

**LANGUAGES**

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French (native), English (professional, technical)

**STRENGTHS**

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Owns a product end to end, Works well with non-technical teams, Keeps up with AI tooling