

# Cédric Freret

Lead Software Engineer · hands-on

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## PROFILE

Hands-on lead connecting business needs, architecture, critical code and production. The technical point of reference for AI, automating to make room for human judgement. Employed, open to the right opportunity.

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## EXPERIENCE

### Fondation du patrimoine

Lead Software Developer | Oct. 2023 - present

- Coordination of four external team members; contribution to roadmap definition, delivery and technical debt reduction.
- Optimisations proven during an unexpected TV spike: 1,614 req/s at the CDN, with no general outage. Card-payment cutover during year-end fundraising.
- Technical point of reference for AI: proactive user-feedback analysis and a Word/SharePoint-to-CMS workflow running in production.

### Examin

Full-Stack Developer → Lead Full-Stack Engineer | Feb. 2021 - Oct. 2023

- Full-stack development, GDPR audit engine and PDF reports reproducing the application's tables and charts.
- Interface redesign delivered independently in six months, with no loss of functionality or identified adverse business impact.
- Infrastructure and data restored in under two hours after an attack; mentored a junior developer and two interns.

### French Ministry of the Interior

Full-Stack Developer · automation | Dec. 2017 - Feb. 2021

- Statistical pipeline automation with C++, Qt, SQL, macros and scripts.
- 30 hours/week down to half a day:  $\approx 0.75$  FTE freed (assuming a 35-hour week and a 3.5-hour half-day). Between seasons: two months to four days.

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## SKILLS

TypeScript / React / Next.js / Node.js / NestJS / SQL / IaC / Observability

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## EDUCATION & COMMUNITY

Bachelor's degree in Psychology · Université Paris Descartes · 2009–2012

4A L'Escale · Résidence du Verger · Pierres en Lumières