



Dev senior fullstack ASP.NET Core, Python / React

Xtra-energy

Xtra-energy was founded in 2024 by a team of entrepreneurs passionate about software and the energy transition.

Europe's electricity system is undergoing a radical change. By 2030, the number of wind and solar power plants is set to triple, and the share of renewables in European energy consumption will double. This growth, however, brings increasing complexity to energy sales, with a maze of schemes like Power Purchase Agreements (PPAs), Contracts for Difference (CfDs), aggregation contracts, and more.

In this volatile and complex environment, Xtra-energy provides a dedicated Energy Contract and Portfolio Management software solution for renewable energy. Our platform empowers renewable energy producers to easily model, monitor, and operate their energy contracts and portfolio, accelerating their transition toward market-oriented revenues on European energy markets.

Role overview

In order to support our current growth, we are looking for a **Senior Full-Stack Developer** with strong experience across backend, frontend, and data processing. The role involves balanced work between:

- **.NET 9 (ASP.NET Core, EF Core)** for backend services
- **Python (FastAPI, Pandas)** for data and analytics workflows
- **React 19 / Next.js (TypeScript, shadcn/ui, TailwindCSS)** for frontend interfaces

You'll join a team of three senior full-stack engineers working on data-intensive, API-driven applications.

Responsibilities

- Design and develop backend services using ASP.NET Core and EF Core.
- Build Python-based APIs and data processing components with FastAPI and Pandas.
- Develop modern React/Next.js interfaces using shadcn/ui and TailwindCSS.
- Maintain consistency, reliability, and clean architecture across all codebases.
- Optimize API and data performance across .NET, Python, and frontend layers.
- Use **.NET Aspire** as a development and orchestration tool for distributed applications.
- Work with observability tools such as **OpenTelemetry, Grafana, Loki, and Prometheus** to analyze performance and system behavior.
- Participate to the IT shift support scheme

Technical Environment

- **Backend:** .NET 9, ASP.NET Core, EF Core, Python 3.x, FastAPI
- **Frontend:** React 19, Next.js, TypeScript, TailwindCSS, shadcn/ui
- **Data:** PostgreSQL, Pandas
- **Monitoring & Observability:** OpenTelemetry, Grafana, Loki, Prometheus
- **Developer Tooling:** .NET Aspire, Docker, Git, CI/CD, Claude code

Requirements

- 5+ years of full-stack experience with strong backend and frontend foundations
- Proficiency in C# (.NET 9, EF Core) and Python (FastAPI, Pandas)
- Solid understanding of React 19 and Next.js (TypeScript, component composition, SSR/ISR)
- Experience with API design, validation, and performance optimization
- Familiarity with observability tooling and distributed tracing (OpenTelemetry stack)
- Strong debugging and profiling skills across backend and frontend layers
- English intermediate level

Nice to Have

- Experience with OAuth2/OIDC and Keycloak
- Familiarity with containerized environments
- Exposure to asynchronous or event-driven architectures

Mindset

- Root-cause-oriented, technically curious, and pragmatic
- Autonomous yet highly collaborative
- Focused on quality, performance, and long-term maintainability

Hiring process

We aim for a rapid and insightful hiring process to ensure a perfect fit for both you and Xtra-energy.

- **Initial Discovery Call (30 minutes):** A qualifying discussion with Johann (CEO). This is a chance for us to get to know your background and expectations, for you to learn more about Xtra-energy's vision, and for both parties to confirm mutual interest.
- **Technical Deep Dive & Interview (60–90 minutes):** You'll meet with Nicolas (CTO) and Adrien (CSO). This session will explore your technical expertise in detail and include a practical technical exercise relevant to the role.
- **Cultural Fit Lunch (Approx. 60 minutes):** The final step! You'll join the co-founders for an informal lunch to ensure a strong cultural and personal fit within the team.

Package

We offer a remuneration package designed to be competitive, rewarding, and supportive of your well-being.

- Flexible Work Model: Enjoy a flexible work arrangement, allowing you to choose the best environment for your productivity. However, we believe in the value of face-to-face collaboration, so regular in-person meetings with the team remain important for strategy, connection, and cultural development.
- Market-Aligned Fixed Salary: A strong, stable base salary reflecting your expertise and the current market.
- Incentive Compensation: A transparent, variable component of your salary that directly links your performance to financial rewards, ensuring you share in the value you create.
- Well-being & Support:
 - Health Insurance: Access to a quality medical care plan.
 - Meal Benefits: Daily lunch vouchers to cover your meal expenses.
 - Travel Stipend: Financial support for your professional commuting expenses.
- Our offices are located in Paris XXth district

Contact

Send us an email at hr@xtra-energy.com!