

Victor Deleau

SENIOR .NET BACKEND ENGINEER · TECHNICAL APPLICATION OWNER · CLEAN ARCHITECTURE & DDD · OPEN TO REMOTE · US TIME ZONES

Normandy, France

✉ deleau.victor.pro@gmail.com  CoreSyncHub  Victor Deleau

Summary

Senior .NET backend engineer, responsible for about fifteen business applications for a network of accounting firms. I modernize legacy applications in production without a feature freeze, step in on critical production incidents (performance, concurrency, memory), and design standards-based architectures: Clean Architecture, DDD, CQRS, OAuth2/OIDC. Self-taught, with a year of accounting studies behind me: I learn the business before I write the code.

Experience

Senior .NET Backend Engineer / Technical Application Owner

Lisieux, France (hybrid)

GIE ARTIC - SOFTWARE FOR A NETWORK OF FRENCH ACCOUNTING FIRMS

March 2026 - Present

- Responsible for about fifteen business applications: run and maintenance, ticket prioritization with the business, release planning, user communication during incidents
- Progressive modernization (Strangler Fig) of a critical business application without a feature freeze: Clean Architecture, DDD, CQRS, architecture tests and behavior tests on a real database
- Hands-on response to critical production incidents: performance, concurrency, memory
- Designed multi-tenant authentication on OAuth2/OIDC; upgraded applications to .NET 10 and standardized builds (Central Package Management, Directory.Build.props)
- Drove engineering practices: rolled out AI coding assistants across the development department, guidelines for the team

.NET Consultant

Normandy, France

DEVOLIS (IT CONSULTANCY) - CLIENT MISSIONS AT GIE ARTIC, CHEVRON, ASTERA

February 2025 - February 2026

- **GIE Artic** - Joined the web rewrite of a Delphi desktop application as reinforcement (ASP.NET REST APIs with Clean Architecture, Vue.js 3 front-end, Azure DevOps CI/CD), gradually took the lead, and finished it on my own. The client then offered me an application owner role, which I held for three months through the consultancy before being hired directly
- **Chevron** - .NET REST APIs with Aspire, React and TanStack Query front-end, code reviews and pair programming
- **Astera** - Regression-free changes to a tightly coupled legacy application (.NET Framework 4.8 / Angular 7)

Independent Developer

Normandy, France

CORESYNC SOLUTIONS (SOLE PROPRIETORSHIP)

October 2024 - Present

- Freelance mission (Dec 2024 - Jan 2025): company website for Padel By Self, delivered end to end, from mockups to deployment (Astro.js)
- Entity under which I publish my open-source projects, including Nuggy

Fullstack Developer & Technical Lead

Caen, France (remote)

DADEV

February 2023 - November 2024

- Built production infrastructure from scratch: self-hosted GitLab, Docker registry, Portainer, Nginx, CI/CD pipelines
- Moved the stack from legacy PHP/MySQL to Node.js/NestJS, then .NET/PostgreSQL; introduced Clean Architecture and DDD, led code reviews and architecture decisions

Open Source & Projects

Nuggy

VS Code Marketplace

PUBLISHED VS CODE EXTENSION

2026 - Present

NuGet package management for professional .NET codebases: native Central Package Management, compatibility matrix per target framework, project file edits without reformatting. Cross-platform, 4 languages. TypeScript.

.NET RAG pipeline

In progress

PERSONAL PROJECT

2026

RAG over GDPR texts with a local model, so data never leaves the infrastructure; guardrails and evaluation datasets to measure answer quality.

DotnetCleanAspire

github.com/CoreSyncHub/DotnetCleanAspire

OPEN-SOURCE .NET BOILERPLATE

2024 - Present

Clean Architecture with layer boundaries enforced by architecture tests, DDD (aggregates, value objects, domain events), CQRS with MediatR, Result pattern with typed errors, xUnit and Testcontainers tests.

k3s homelab

PERSONAL PLATFORM

2024 - Present

Authentik (OIDC), Vault, MassTransit and RabbitMQ, Grafana, Loki, Tempo and Prometheus, default-deny nftables, Tailscale.
Rebuilt after losing a worker node (PVCs and StatefulSets restored).

Technical Skills

Languages	C#, TypeScript, SQL, Python, Bash
.NET Ecosystem	.NET 8/10, ASP.NET Core, Entity Framework Core, MediatR, FluentValidation, xUnit, Testcontainers
Architecture	Clean Architecture, DDD, CQRS, Event-Driven, Distributed systems, Multi-tenancy, REST APIs
Cloud & Infrastructure	Azure, Kubernetes (k3s), Helm, Docker, PostgreSQL, MariaDB, Redis, RabbitMQ
Security & Observability	OAuth 2.0 / OIDC, OpenIddict, Vault, OpenTelemetry, Grafana, Loki, Tempo, Prometheus
AI	Claude Code, RAG, Local models, Evals, Guardrails
Also	Vue.js 3, React, TanStack Query, Astro.js, Azure DevOps, GitHub Actions, Linux

Education & Languages

Self-taught software engineer

LEARNING BY DOING

2023 - Present

From web development to architecture responsibilities in three and a half years, through hands-on work, open-source projects and continuous learning.

Accounting studies (DCG), one year

Rouen, Lycée Gustave Flaubert

FRENCH ACCOUNTING DEGREE PROGRAM: ACCOUNTING, LAW, TAXATION

2021 - 2022

Languages

French	Native
English	Professional
Spanish	Conversational