

Stéphane De Todaro

Technical Lead · Architecture · Infrastructure · Development

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> super-dev.app

> github.com/Nayruuu

> Le Raincy, France · remote / hybrid

9 years

OF EXPERIENCE

End to end

FROM DESIGN TO RUN

2 libs

OPEN-SOURCE LIBRARIES (NUGET)

100%

ADOPTION OF MY AI PLUGIN

◆ PROFILE

Technical lead and full-stack architect, freelance since 2018.

I **design, industrialize and operate** SaaS platforms on Azure: microservices architecture, automated infrastructure and full-stack development, from leading a team to running the platform solo.

On the side, I publish **open source software engines** and tool up teams with **AI**.

◆ EXPERIENCE

2018 - present

Technical Lead · Giraudy

formerly Exterior Media · via SDT Consulting · Issy-les-Moulineaux

Technical backbone of the platform that drives **3,000+ advertising panels** and through which the **company's revenue flows**: some twenty microservices and half a dozen applications on Azure.

Led up to 4 developers with code review; equally able to drive the team or run everything solo.

2018 - 2021 · PLATFORM BUILD-OUT

Designed the **microservices architecture**: each service owns its database, GraphQL API (HotChocolate), orchestration and an Ocelot gateway.

Rebuilt the **authorization model** (roles and permissions) across every service.

2021 - 2024 · INDUSTRIALIZATION

Industrialized the **Azure infrastructure with Terraform**: **nearly 40 automated deployment pipelines** and staging/production parity, where everything used to be manual.

2024 - PRESENT · AUTONOMOUS RUN & AI TOOLING

Single-handedly maintained **some ten applications and services** (CRM, ordering, mobile, back-offices, APIs, infrastructure), **major version upgrades** included (Angular14→20, .NET Core→9).

Migrated a **legacy PHP application to .NET** with my AI tooling: **31 modules in 3 weeks**.

Built an **internal AI plugin** (Claude Code) that automates the repetitive work: full developer onboarding in one command (Azure AD / Azure DevOps / RBAC access and workstation setup, down from a day of admin), ticket and PR management, conventions and code reviews.

Built in a month, adopted by the whole team.

Angular 14→20

.NET Core→9

Azure Functions

Service Bus

Firebase

GraphQL

Terraform

SQL Server

Docker

2018

SQL migration · LexisNexis

Consultant · via Itecor · Paris

Automated SQL script generation, PowerShell, xUnit tests.

2017 - 2018

Lead full-stack developer · Bolloré Logistics

Consultant · via Code Insider · Puteaux

Rebuilt the **validation engine** (front/back), optimized stored procedures, MVVM architecture.

Mentored a team of 4 developers.

Knockout

.NET Core 2.0

MVVM

SQL Server

◆ PROJECTS & OPEN SOURCE

> OPEN SPACE.EXE

playable online

Software-rendered FPS engine (BSP), written from scratch.

Two render backends (8-thread CPU, WebGPU), **1113 tests**.

Shipped by piloting an AI.

TypeScript

WebGPU / WGSL

Web Workers

SharedArrayBuffer

> FluentGraphQL

NuGet · MIT

Fluent, type-safe GraphQL query builder for .NET.

Performance measured by **reproducible benchmarks** (.NET 9).

C#

.NET 9

GraphQL

> NgSharp v3

NuGet · MIT

Interpreted, Angular-style template engine for .NET: **format-agnostic**, it parses any text file with deep HTML awareness (in-house parser).

Zero dependencies, no code generation, instant cold start: **Native AOT**, trimming, serverless.

For PDFs, emails, JSON/CSV and server-side HTML.

C#

.NET

Native AOT

HTML parser

> UNIVERSE MAP

prototype

Interactive 3D map of the universe, in the spirit of Google Maps: continuous zoom from the solar system to the Local Group, across five orders of magnitude.

Local analytic ephemerides, 10,000 stars from the HYG catalog, a solar and lunar eclipse engine (umbra, penumbra, ground views). **434 tests**.

Runs entirely in the browser: static files, zero backend.

Angular 21

Three.js

TypeScript