T / C   Thomas COEUGNET

Full Stack Developer

✉ thomas@coeugnet.fr

📍 Aix-les-Bains (Savoy - France)

🚗 Driver's license and personal car

🈯 English: good proficiency
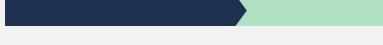
🈯 French: native speaker

SKILLS

C# / .NET

T-SQL

Angular

Azure Cloud

IaC - Azure Bicep

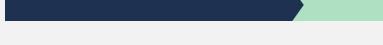**Microservices architecture**

Load testing

GitLab pipelines

Git / GitLab

Agility: Scrum

ABOUT

I have **7 years of experience in .NET and SQL development**. I have a particular affinity for **server technologies** and **DevOps practices**.

I am constantly **challenging myself** and keeping up to date with new techniques and **best practices**.

I value a **thoughtful** and **quality-oriented approach**, aligned with deadlines and budgets.

EXPERIENCES

Back-end Software Developer

Fronius France / Annecy / 2022 - Present

I joined Fronius France's R&D center to **design**, **develop**, and deploy the **energy management solution** for Fronius inverters. Supporting this main functionality, I also initiated other **microservices** that integrate into a distributed and constrained ecosystem. To fulfill my role, I had to **communicate daily in English** with my Austrian colleagues through messages, video calls, and demos.

| Energy Flow Management | 2022 - Present | ⠿ ⠿ ⠿ |

Within a team of three developers, we started from scratch with the goal of deploying a cloud-based energy management solution. My responsibility was to design, develop, test, and deploy the **back-end part** of this system, ensuring **scalability, resilience**, and **security**.

| Tariff Management API | 2022 - Present | ⠿ ⠿ ⠿ |

To enable **management of flexible energy tariffs** (essential for optimizing energy management), I developed a **REST API** dedicated to this task. Designed from the start to handle **high traffic**, with **low latency**, and with an emphasis on **optimizing infrastructure costs**.

Across both projects, I gained experience with the following technologies and practices:

- REST API built with **C# / .NET 6 (later .NET 8)**
- **Infrastructure as Code** using Azure Bicep
- Use of **Domain Driven Design** within a **modular monolith**
- Implementation of **distributed patterns** (outbox message, producer-consumer, …)
- **Load testing** using NBomber and OctoPerf
- Monitoring with **OpenTelemetry**, **Prometheus**, and **ElasticSearch**
- Cloud **budget management and monitoring**

T / C Thomas COEUGNET

✉ thomas@coeugnet.fr

📍 Aix-les-Bains (Savoy - France)

🚗 Driver's license and personal car

🈂 English: good proficiency

🈂 French: native speaker

TRAININGS

Introduction to Kubernetes
October 2025

OctoPerf Training (load testing)
January 2025

Domain Driven Design Training
June 2023

Microsoft Azure Training
June 2023

Azure DevOps Training
October 2021

Professional Scrum Master™
June 2021

Engineer from Centrale Lille - IG2I
2011 - 2016

EXPERIENCES

Full Stack Developer
L'Opcommerce / Lille / 2016 - 2022

Within a team of about fifteen developers and product owners, I successively worked as a T-SQL developer, web developer, and then full stack developer on projects involving member and partner portals, APIs, and infrastructure/DevOps. Here are my most significant projects.

| CFA API | 2021 | 👤 |

Design and development of an **API for transmitting CERFA forms, invoices, and documents**. Led inter-OPCO working groups and made technical proposals. After 3 months, **80+ training centers** were using this API, with a total of over **3,000 invoices received**.

> ⌨ API built with **C# / .NET 6**
> ⌨ **SonarQube** used to assess code quality
> ⌨ **Azure DevOps** for continuous integration and deployment
> ⌨ **ElasticSearch / Kibana** for log storage and monitoring

| Apprenticeship Contract Component | 2018 | 4 mois | 👥 👥 👥 |

Creation of a **CERFA data entry interface** integrated into the Opcommerce legacy portals. After 3.5 years of use, **180,000+ CERFA forms submitted.**

> ⌨ Frontend built with **Angular 7**
> ⌨ Backend API in **C# / .NET 6**

| CRM Redesign | 2017 | 5 mois | 👥 👥 👥 |

Redesign of the stored procedures used in the in-house CRM, data migration, and implementation of an advanced search feature (**Full Text Search**).

> ⌨ Stored procedures in **T-SQL** (SQL Server 2012)
> ⌨ **SQL Server Integration Services**