



# Emile NDAGIJIMANA

Senior Full-Stack Engineer · .NET · Angular · Azure · AI-Augmented Development

## CONTACT

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### PHONE

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### LOCATION

Caluire-et-Cuire, Lyon  
France

### SAAS PRODUCT

app.contractlypro.com

## TECHNICAL SKILLS

### Backend

C# .NET 10

ASP.NET Core

Entity Framework Core

SignalR

CQRS / MediatR

REST API

### Frontend

Angular 22

TypeScript

RxJS

SCSS

Bootstrap

### Databases

PostgreSQL

SQL Server

MongoDB

SQLite

### Cloud & DevOps

Azure

Azure DevOps

Docker

Kubernetes

Azure Key Vault

Azure Container Registry

CI/CD Pipelines

### Architecture

Clean / Onion Architecture

Domain-Driven Design

Microservices

MVC / MVVM

### AI-Augmented Development

Claude Code

GitHub Copilot

JetBrains AI Copilot

## PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with **10+ years** of end-to-end delivery across enterprise software, cloud-native platforms, and SaaS products. Specialized in **C# .NET 10**, **Angular 22**, and **Azure** with deep expertise in clean architecture, microservices, and CI/CD automation.

Builder of **Contractly Pro** — a multi-tenant SaaS contract management platform designed, developed, and deployed solo from concept to production. Practitioner of **AI-augmented development** using Claude Code and GitHub Copilot to accelerate delivery without compromising quality.

Proven track record at **ADENES** (insurance), **APITECH** (software publishing), and **UNITAR/United Nations** (public service). Targeting senior engineering, technical lead, and solution architect roles in France and Europe.

## FEATURED PROJECT

### MyContractly Pro — SaaS Contract Management Platform

[app.contractlypro.com](https://app.contractlypro.com)

C# .NET 10 · Angular 22 · PostgreSQL · Azure · SignalR · Docker · Azure DevOps CI/CD

Designed and built solo end-to-end. Multi-tenant contract lifecycle management platform with real-time notifications (SignalR), role-based access control, and automated pipeline deployments to Azure.

Demonstrates full-stack SaaS architecture — from database schema design and REST API to Angular frontend and production operations.

## PROFESSIONAL EXPERIENCE

### Senior Full-Stack Engineer — Designer & Developer

Feb 2023 - Present

ADENES Group — Insurance Company

Lyon, France · Permanent Contract

### ElloYou — Claims Management Application (Angular / .NET 8 → 10)

- Architected and built the full Angular 22 frontend for the PEU management team (TypeScript, SCSS, RxJS)
- Developed REST API backend using .NET, Onion Architecture, EF Core, and SQL Server with full unit-test coverage
- Conducted code reviews and maintained technical documentation; led sprint ceremonies in Azure DevOps
- Accelerated feature delivery using AI-assisted development workflows (Claude Code, GitHub Copilot)

### Short URL Service — Microservice Redesign (DevOps / PostgreSQL)

- Replaced a legacy URL shortener with a self-hosted microservice: REST API (.NET, Onion Architecture, PostgreSQL) + redirection proxy (.NET)
- Built CI/CD pipelines from scratch: Git → Azure DevOps → Docker → Kubernetes — zero-downtime deployments via rolling strategy
- Reduced deployment time by 60% through pipeline templating and change-detection gates

## Tools & Practices

Git / GitHub / GitLab

Agile / Scrum

TDD / Unit Tests

UML / MERISE

JetBrains Rider

VS Code

## EDUCATION

### Master's in Business Informatics (MIAGE)

Université Grenoble Alpes  
2014 - 2016

### Bachelor's in Business Informatics (MIAGE)

Université Grenoble Alpes  
2011 - 2014

## LANGUAGES

French Fluent

English Professional

Kinyarwanda Native

## Full-Stack Engineer — Designer & Developer

Sep 2016 - Feb 2023

[APITECH — Software Publisher](#)

Lyon Vaise, France · Permanent Contract

- Designed and delivered an Open-Xchange broker adapter (SOAP WCF, SQL Server) for SFR/CNB provisioning — handling account registration, modification, and deletion across enterprise identity systems
- Rebuilt the PPSIE order tracking web app (ASP.NET MVC, DevExpress) with new UX proposal, full test suite, and production deployment
- Developed FCI-Convert desktop software for France Contentieux end-to-end: requirements analysis, WinForm UI, data-driven unit & integration tests
- Contributed to open-source Kanban project "Wekan" for Lyon Metropolis (MeteorJS, MongoDB): bug fixes, feature pull requests

### Full-Stack Consultant — Individual Contractor

Mar 2021 - Jun 2021 & Jun 2022+

[UNITAR — United Nations Institute for Training and Research](#)

Geneva, Switzerland · Remote

- Designed and built the PTPU contracts management system as both a WinForm desktop app (.NET Framework 4.7.2) and an ASP.NET Core MVC web app — sharing domain/infrastructure layers via .NET Standard libraries
- Implemented SharePoint integration via CSOM with Azure AD token-based authentication
- Deployed web application to Ubuntu 18.04 Linux server; authored full user and developer documentation

### Software Developer — Internship

May 2016 - Sep 2016

[CEGID](#)

Lyon Vaise, France

- Built a centralized translation management tool: database schema design, flow automation (Software Factory), C# DLL, ASP.NET MVC web interface