

Yoerick Lemmelijn

Solution Architect & Senior Full Stack Developer

Sint-Niklaaswijk 14, 1880 Kapelle-op-den-Bos, Belgium

yoerick@netlysoft.be

+32 (0)498 15 16 50



PROFESSIONAL PROFILE

Solution architect and senior full stack developer with 15 years of experience building software across diverse domains - from interactive 3D simulators and Unity applications to Android apps, desktop tools, web services, and complete web portals. Founder of NetlySoft, where I combine freelance solution architecture and senior engineering with hands-on product ownership. Passionate about .NET, Blazor, API design, microservices, and turning operational pain points into reliable software. Experienced in technical leadership, coaching juniors, and making architectural decisions that scale.

CORE COMPETENCIES

Languages & Platforms

C#, .NET, .NET 8, Blazor, .NET MAUI, WPF, Unity 3D

Architecture & Backend

Solution architecture, microservices, CQRS, API design, NoSQL, SQL, WebSockets

Cloud & DevOps

Azure, Azure DevOps, Docker, CI/CD, serialization & performance optimization

Leadership

Technical lead, team lead, coaching, product design, UX-aware engineering

PROFESSIONAL EXPERIENCE

Owner / Freelance Solution Architect & Senior Software Engineer | [NetlySoft](#)

2019 - Present

Technical Lead for Fashion Society (holding company above ZEB)

- Freelance solution architect and senior full stack developer for client and internal product work.
- Technical lead for Fashion Society, guiding architecture and engineering across the ZEB organisation.
- Design and build own products including NetlyDB, NetlyUI, NetlyWH, AI Sentinel, and NetlyNX.
- Translate business and operational needs into maintainable .NET solutions with clear API boundaries.

Founder & Operator | [VR Square](#)

2020 - 2026

650 m² virtual reality arcade, Sint-Niklaas

- Founded and operated an immersive VR entertainment venue for six years.
- Built operational processes and custom venue management software (VRSCONnect) for live sessions.
- Closed the venue in 2026 to focus on freelance work and family commitments.

Team Lead Software Development | [ZEB](#)

2017 - 2019

- Led all internal software development and coached junior developers.
- Owned architectural decisions and development team setup for the organisation.
- Balanced delivery, quality, and mentoring in a fast-moving retail environment.

Software Engineer | [ZEB](#)

2015 - 2017

- Deep specialization in .NET after optimizing business flows with custom applications.
- Delivered internal tooling that improved operational efficiency across departments.

All-round IT Engineer | [ZEB](#)

2014 - 2015

- Broad IT role spanning infrastructure and application work before returning to software engineering.

.NET Software Engineer | [Krëfel](#)

2012 - 2014

- Full-time .NET development after returning from the Netherlands to Belgium.
- Part-time lecturer in Game Programming at Erasmus Hogeschool Brussel (2013, alongside Krëfel role).

3D Specialist | [Movares](#)

2011 - 2012

- Hired after internship to develop interactive 3D simulators from architectural building and site plans.
- Worked two years in the Netherlands on the Visuals team.

EDUCATION

Bachelor Applied IT | [Erasmus Hogeschool Brussel](#)

Three-year bachelor degree, completed in three years (2011)

PRIVATE PROJECTS

NetlyDB - *Product inventor, architect & core engineer*

Custom typed NoSQL database designed and implemented from scratch, with management web UI and production use since 2025.

Tech: .NET, NoSQL, WebSockets, API design, compression, solution architecture

NetlyUI - *Design system author & frontend engineer*

Custom CSS framework and design system for modular, theme-driven UIs - in production since 2025.

Tech: CSS, JavaScript, HTML, frontend architecture

NetlyWH (WareHouse) - *Product design, architecture & full-stack implementation*

Live 3D warehouse visualization and operations cockpit connecting spatial views to real-time business data.

Tech: .NET, Blazor, Unity 3D, operations tooling

VRSCconnect - *Product owner & sole developer*

Venue management system for VR station sessions, staff workflows, and reliable in-session operations since 2024.

Tech: .NET, workflow automation, operations software

AI Sentinel - *Product concept, architecture & implementation*

Experimental local-first .NET 8 security tool for deterministic prompt-injection detection in AI-facing content.

Tech: .NET 8, C#, CLI tooling, security research, unit testing

LANGUAGES

Dutch	Native
English	Fluent
French	Intermediate