

# Kristof Riebbels

Freelance .NET Developer | Azure Developer Associate | Security-minded | Certified Scrum Master

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## Projects

### OIDC Mocking using asp.net core

Repo that is used as POC to show how you can do integration tests with your id- and accesstokens

[View Project Details](#)

### Book to speech

Repo that is used to convert images to text and then to speech for having an audio book experience using OPENAI

[View Project Details](#)

### RadioPlus RSS Feed Generator

Converts VRT's Radioplus website content into RSS feeds. Technologies: .NET Core, Docker, Selenium, Hangfire.

[View Project Details](#)

### InvoiceCRM Exercise

A invoicing application demonstrating clean architecture, SOLID principles, and testing strategies.

[View Project Details](#)

### Calculator DI Exercise

A demonstration of Dependency Injection concepts in .NET Core.

[View Project Details](#)

# Skills & Expertise

## Languages & Frameworks

C#

.NET Core

.NET 8

ASP.NET Core

ASP.NET MVC

JavaScript

TypeScript

CSS/SCSS

Jekyll

## Web Technologies

REST APIs

JSON

XML

YAML

## Databases

SQL Server

CosmosDB

MongoDB

Azure SQL Database

## Infrastructure

Azure

Docker

GitHub Actions

CI/CD automation

Kubernetes

WSL

K9s

## Azure & DevOps

Azure DevOps (Repos, Pipelines, Agent Pools, Artifacts)

Azure KeyVault

Azure Storage Accounts

Application Insights

CI/CD with YAML

NuGet package development

Azure Active Directory

## Security

OpenID Connect

OAuth tokens

Secure software supply chains

SBOM (Software Bill of Materials)

## Scripting & Automation

PowerShell

Deployment automation

## Tools

Visual Studio

Visual Studio Code

Rider

Resharper

# Core Competencies

## Architecture & Principles

SOLID

TDD

Clean Code

SemVer

Conventional Commits

Performance Optimization

Code Reviews

Secure Software Design

## Agile Practices

Certified Scrum Master

Team Facilitation

Iterative Delivery

## Mentoring & Training

Coaching

Knowledge Sharing

## .NET & Secure Development

C#

ASP.NET Core

ASP.NET MVC

Web API

Azure

OIDC

Token Management

Vulnerability Scanning

## .NET & Azure Development

.NET 8 (with migration experience from .NET 6)

Azure DevOps ecosystem

CI/CD with YAML pipelines

NuGet package development/publication

Security & SBOM awareness

## Education & Certifications

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- Secondary School Teacher (Handel-Burotica-Informatica), Hogeschool Gent
- Bachelor's in IT (Mainframe & Software Development), Hogeschool Gent (HOGENT), Schoonmeersen Campus
- Graduation Project: RFID & PLC Integration — controlling a PLC from a C# application via RFID and Ethernet communication, focusing on reusable and testable code.

### Certifications

**HO  
GENT**

Bachelor in  
Informatics  
(HoGent,  
Ghent)



Certified Scrum  
Master  
(Scrum.org)



Certified Azure  
Developer  
Associate  
(Microsoft)

### Languages

- **Dutch:** Main Language
- **French:** Reading/Listening
- **English:** Reading/Listening, Writing, Speaking

# Professional Experience

## Liantis (Freelance via EnzoTech)

09/2025 – 12/2025

Integration Consultant (Platform System Engineer)

Core Skills	Used Technologies
DevOps Culture, Workflow Orchestration, Platform Engineering, Technical Responsibility	Github Actions, Kubernetes, SemVer, K9s, WSL, act (local workflows)

- Held end technical responsibility for the design and implementation of the new developer platform workflows
- Redesigned Github Actions and Github workflows to be used in a new platform to support developers using SemVer, orchestration flows, building blocks and to help the developers to really carry the DevOps culture at Liantis
- Creating Technical Deliverables and Documentation for software releases, workflows and platform standards

For more details, visit [www.itkriebbels.be/experience/](http://www.itkriebbels.be/experience/)

## Xebia XMS BE

04/2022 – 08/2025

Coding Architect / Team Lead / Azure Developer

Core Skills	Used Technologies
Security Architecture, Identity & Access Management (IAM), Cloud Modernization, Performance Optimization	Azure, .NET 8, Auth0, Itsme, Azure DevOps, APIM, KeyVault, SQL, Blob Storage, Private Link, TypeScript, Webpack, BFF

- Providing expert consultancy for secure identity solutions and .NET ecosystem modernization
- Implementing Auth0 with Itsme integration in corporate environments
- Developing with .NET 8 (C# 12), including migration from .NET 6 (C# 10) environments

### Client Projects:

#### AXA Belgium

Led implementation of Auth0 (with Itsme integration) across 4 domains: Internal User Management, Retail Self-registration, Brokers, and Corporate Users. Held end-to-end technical responsibility, designing secure ASP.NET Core MVC (.NET 8) solutions using the BFF pattern, Webpack, and TypeScript to replace legacy jQuery. Collaborated closely with Functional Analysts, IAM, Cloudification, and Standardization teams, acting as a liaison to Enterprise Architects. Mentored a junior Technical Analyst and ensured comprehensive documentation. Addressed resiliency (ASEv3), Private Link security, and optimized Auth0 usage (preventing 429 errors).

#### Outdoor Group

Added ASP.NET MVC screens and integrating new fields and functionality within an existing project

For more details, visit [www.itkriebbels.be/experience/](http://www.itkriebbels.be/experience/)

**Core Skills**

SaaS Product Development, DevOps Implementation, Technical Coaching, SOLID Principles, Scalability

**Used Technologies**

.NET Core, ASP.NET Core, Azure (Functions, Service Bus, Blob Storage), Docker, Kubernetes, TypeScript, React, EF Core, Dapper, SQL

- Requirements Analysis & User Story Definition (agile & waterfall)
- Maintaining a SaaS product in Azure (Cloud Services, WebAPI, Service Bus) focused on scalable solutions
- Creating scalable test solutions and managing release documentation

**Client Projects:****KBC Verzekeringen (Ghent)**

Maintained, resolved bugs, with boy-scout approach for Vycunia product (SharePoint / Dynamics integration)

**KBC Bank**

Handle a project maintenance, productized into Vycunia and provided ongoing support for their document management systems

For more details, visit [www.itkriebbels.be/experience/](http://www.itkriebbels.be/experience/)

**Core Skills**

Full Stack Development, Agile Methodologies, TDD, CI/CD Pipeline Setup, Code Quality (SOLID)

**Used Technologies**

WebAPI, AngularJS, TypeScript, Bootstrap, Azure (Blob, SQL), WinForms, Entity Framework 6, TFS/Git, PowerShell, MSBuild, NSubstitute

- Developing & maintaining WebAPI, TypeScript, AngularJS, EF 6.1 solutions
- Working in an agile way, focusing on user stories and continuous feedback
- Azure deployments (database, blob storage) & TFS → TFS Git migration

**Client Projects:****Plan! (Automotive Sector)**

Maintained and enhanced legacy WinForms planning software with SQL Server backend

**Fero Group**

Developed custom planning software using AngularJS v1

For more details, visit [www.itkriebbels.be/experience/](http://www.itkriebbels.be/experience/)

## Adam Software

05/2014 – 08/2014

Senior Software Developer

### Core Skills

Backend Architecture, Proof of Concepts, High Performance Computing

### Used Technologies

.NET, WebAPI, CQRS, EventStore, Unity DI, NuGet

- Proof of concept: WebAPI in a legacy application
- Introducing NuGet packaging to the build server
- Created a CQRS POC for large data/video uploads to the cloud

## Febelco

05/2010 – 05/2014

Senior Software Developer

### Core Skills

Legacy Modernization, Domain Driven Design (DDD), TDD, Database Optimization (SQL)

### Used Technologies

C#, .NET, WCF, SQL Server, NHibernate, WinForms, MSMQ, TeamCity, Octopus Deploy, Mercurial, RhinoMocks

- Redeveloping an ERP system (DB2/COBOL/FORTRAN → SQL Server/WCF/.NET)
- Applying Domain Driven Design, NHibernate, repository/unit-of-work patterns
- State machine approach for order processing, MSMQ integration

For more details, visit [www.itkriebbels.be/experience/](http://www.itkriebbels.be/experience/)

## Ferranti

12/2008 – 05/2010

Implementation Consultant

### Core Skills

Functional Analysis, Business Intelligence, Technical Testing, Training

### Used Technologies

C#, LINQ, WebServices, SQL Server, TimeXtender, InterGraph I/Dispatcher

- Working on projects for key clients including Essent BE, Essent NL, and Brandweer Antwerpen
- Translating blueprints into functional documents, discussing analysis with customers
- Overseeing development, testing, and delivery of BI projects

### Client Projects:

#### Brandweer Antwerpen (Antwerp Fire Department)

Developed information management system to streamline emergency response coordination

#### Essent NL

Implemented TimeXtender and reporting solutions for business intelligence requirements

Core Skills

ERP Development, On-site Consulting

Used Technologies

Dynamics AX (X++), SQL Server

- Working on Ferranti’s ERP system and Datawarehouse
- Developing for Essent MDB in the Netherlands as on-site developer
- Learning customer-facing implementation skills in international environment

Core Skills

Business Intelligence, Data Analysis

Used Technologies

SQL, BI Tools

- Short-term project focused on business intelligence for Pay Management
- Collaborating with stakeholders on data analysis and reporting needs



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