Kristof Riebbels

.NET Architect | Azure Developer Associate | Certified
Scrum Master

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Professional Profile

Still feeling as a Sr. .NET Developer with 17+ years of experience delivering secure and maintainable solutions. Specializing in distributed backend architecture, Clean Architecture, and Domain-Driven Design. Passionate about coaching teams on SOLID principles, test-driven development, and secure coding practices. Experience with .NET 8, Azure cloud infrastructure, and Entity Framework Core.

Project Highlights

- **AXA Belgium:** Led implementation of integration of serivces with Auth0 / Itsme integration using AppServices, APIM, Azure KeyVault, Storage Accounts, Application Insights and even SOAP for a secure distributed architecture

- **OIDC Mocking Framework:** Developed a proof-of-concept for integration testing with id- and access tokens (github.com/kriebb/MockOpenIdConnectIdpAspnetcore). This has been adopted at Axa.

- **ERP System Modernization:** Redeveloped a legacy system (DB2/COBOL/FORTRAN) to SQL Server/WCF/.NET using Domain-Driven Design with state machines for order processing

Key Skills

Architecture & Design

Clean Architecture

Domain-Driven Design

Microservices

REST APIs

SOLID Principles

Backend Technologies

C#/.NET 8

ASP.NET Core

Entity Framework Core

SQL Server   Azure

Security & Integration

OIDC

Token Management

Supply Chain Security

Vulnerability Scanning

Leadership & Soft Skills

Team Mentoring

Technical Writing

Problem Solving

Certified Scrum Master

Certifications & Education

- Microsoft Certified: Azure Developer Associate (AZ-204)
- Certified Scrum Master (Scrum.org)
- Bachelor in Informatics (HoGent, Ghent)
- Train the Trainer (Xebia NL)

Relevant Experience

Xebia XMS BE   04/2022 – Present

Software Architect

- Developed and deployed architecture for secure identity solutions using distributed backend systems
- Implemented Auth0 with Itsme integration in enterprise environments, following Clean Architecture principles
- Developed with .NET 8, including migration from .NET 6 environments
- Created technical documentation, collaborated with Security team (favorites are markdown and mermaid) and made presentations for sharing experiences during development
- Debugged and made Azure DevOps environment working with YAML pipelines, parameter files, ARM templates and artifacts
- Meetings with security (e.g. SAST, pentests,...) and ensured better practices for the next project
- Meetings with the DotNet excellence teams and ensured better practices for the next project while challenging the excellence team on certain decisions
- Meetings with the solution architects ensuring and questioning current practices and better practices for the next project, adapting architectural patterns

RecoMatics   04/2017 – 04/2022

Solution Engineer

- Maintained a SaaS product in Azure (Cloud Services, WebAPI, Service Bus)
- Coached product and project teams to improve collaboration and code quality
- Implemented Domain-Driven Design patterns for complex business requirements
- Used Entity Framework Core, Dapper, and Azure Functions for data access and processing
- Set up CI/CD pipelines with Azure, GitVersion, and GitHub

Qite   08/2014 – 04/2017

Still feeling as a Sr. Software Developer (C#)

- Implemented distributed backend architecture for WebAPI, TypeScript, AngularJS, and EF 6.1 solutions
- Promoted SOLID principles, TDD, and best practices among development teams
- Implemented CI/CD pipelines and provided team training on modern development practices