

# Krešimir Vitenberg

Software Engineer

## Personal Info

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## Certificate

### Microsoft

- Foundational C# with Microsoft

### Dometrain

- From Zero to Hero: REST APIs in .NET

### HackerRank

- C# (Basic)

### Udemy

- Ultimate Clean Code Masterclass for 2025
- C# Mastering Course For Professionals
- C# Mastering Course For Intermediates
- C# Mastering Course For Beginners
- Understanding Semantic Kernel
- Generative AI for .NET Developers with Azure AI Service
- Blazor - The Complete Guide [NET 9] [2024] [E-commerce]
- Master ASP.NET Core Identity: Authentication & Authorization
- Clean Architecture for Beginners: A Practical Guide
- Blazor Deep Dive - From Beginner to Advanced in .NET 8
- .NET Core MVC - The Complete Guide 2023 [E-commerce] [NET8]
- Entity Framework Core - A Full Tour
- ASP.NET Core - SOLID and Clean Architecture
- Learn GraphQL with .Net Core For Absolute Beginners
- RESTful Web API - The Complete Guide (.NET7 API) Part 2
- ChatGPT for .NET developers
- Make an E-Commerce Website with Blazor
- Unit Testing for C# Developers
- Mastering SQL Server RDS on AWS
- MySQL Database Development Mastery
- Vue JS 3: The Composition API (Inc Script Setup, TypeScript)
- TypeScript for Professionals - 2023 Edition
- The Fastest JavaScript Course: From ZERO to HERO
- LINQ Tutorial: Master the Key C# Library
- Advanced Topics in C#
- C# Advanced Topics - The Next Logical Step
- C# Developers: Double Your Coding Speed with Visual Studio
- C# Intermediate: Classes, Interfaces and OOP
- RESTful Web API - The Complete Guide (.NET7 API) Part 1
- .NET 7 Web API & Entity Framework Jumpstart
- Azure DevOps and Continuous Delivery With Git
- ASP.NET Core - Cross-Platform Development

### TestDome

ASP.NET (CORE) MVC, HTML/CSS, JAVASCRIPT, C#, AND SQL  
C# AND .NET | C#, MS SQL SERVER, AND SQL | C# | REST API  
HTML/CSS | JAVASCRIPT  
SQL | MONGODB  
GIT | AZURE AND DEVOPS  
WORDPRESS

## Software

VisualStudio



VisualStudioCode



SQL Server MS



Azure DevOps



GitHub



## Languages

Croatian



English



Portfolio

<https://kwittenberg.github.io/Portfolio>

Linkedin

<https://www.linkedin.com/in/kresimirwittenberg>

GitHub

<https://github.com/KWittenberg>

I am a .NET Core and Blazor developer with a strong focus on modern web technologies and architectural principles. Over the past two years, I have specialized in Blazor, building dynamic, scalable, and high-performance applications.

As a backend developer at Factory X for over a year and a half, I have been developing robust and adaptable software solutions using the ABP.IO framework. My expertise lies in Clean Architecture and Domain-Driven Design, ensuring maintainability and scalability for long-term software success.

## Experience

[2020 - ] **Bolta** - Software Engineer  
.NET Core | Blazor | ASP.NET | EF Core | MSSQL | Vue

### Technologies & Frameworks:

**.NET Core - Blazor:** FullStack application with different approach to work SSR, Server Render and WebAssembly.  
**C# | .NET | ABP.Framework:** Proficient in utilizing the ABP.Framework for developing robust and scalable applications.  
**Clean Domain-Driven Design:** Implemented domain-driven design principles to build scalable and maintainable software solutions.  
**Entity Framework Core:** Leveraged EF for ORM mapping and database interactions.  
**MS SQL Server:** Proficient in optimizing and managing SQL databases, ensuring efficient data storage and retrieval.  
**Swagger & Postman:** Utilized for API documentation and testing, ensuring interoperability and reliability.  
**Azure & GitHub:** Leveraged Azure services for cloud deployment and GitHub for version control and collaborative development.

### Development Practices:

**Rich Domain Logic:** Developed intricate domain logic encapsulating business rules and processes.  
**Enums & Entities:** Defined enums and entities to represent domain concepts and relationships.  
**Aggregates:** Implemented aggregates to enforce transactional consistency within the domain model.  
**Value Objects:** Implemented value objects to represent immutable domain concepts and enhance type safety.  
**Modeling:** Designed robust data models, ensuring alignment with business requirements and scalability.  
**Fluent Validation:** Ensured data integrity and validity through comprehensive validation rules.  
**Custom Exceptions:** Created custom exceptions to handle specific error conditions gracefully.  
**AutoMapper & Mapster:** Seamlessly mapped between different layers of the application, enhancing code maintainability.  
**HttpClientFactory:** Utilized HttpClientFactory for efficient HTTP communication, ensuring reliability and performance.

### Databases & Configuration:

**Configuration DB:** Managed database configurations effectively, ensuring consistency and reliability.  
**Fluent API:** Utilized Fluent API for configuring complex entity relationships and constraints.  
**Database Optimization:** Optimized database schema and queries for improved performance.  
**AppSettings & Configuration:** Leveraged appsettings and options pattern to manage app settings and config seamlessly.

### Repositories & Services:

**Repositories:** Developed CRUD repositories for basic Create, Read, Update, and Delete operations, adhering to SOLID principles.  
**Services:** Implemented custom services: Azure Generative Ai, Microsoft Dynamics 365, Google, Stripe, ChatGPT, email, sms...

[2023 - 2024] **Factory X** - Backend .NET Developer

C# | .NET | ABP.Framework | Clean DDD | ASP.NET WinAPI | EF Core | MSSQL | HTML | CSS | JS | TS | Vue  
- ABP.Framework, Rich DDD, Entity Framework, SQL Server, Swagger & Postman, Azure & GitHub  
- Rich Domain Logic, Enums, Entities, Aggregates, Value Objects, Modeling, Fluent Validation, Custom Exceptions, HttpClientFactory...  
Configuration DB, Fluent API, Database Optimization, AppSettings & Configuration

[1991 - 2020] **Bolta** - Publisher

[1997 - 2006] **HPT, HT, T-Com** - IT Engineer, digital marketing

[1995 - 1997] **NOVA** - IT Software engineer

## Education

[2022 - 2022] **ALGEBRA** - ASP.NET Developer

[1992 - ] **MECHANICAL ENGINEER** - Mechanical university, Slavonski Brod

[1988 - 1992] **ELEKTRICAL ENGINEER** - Technical school, Požega

## Interests

.NET | C# | Blazor | ASP.NET | REST Api | EF Core | MSSQL | HTML | CSS | JS | TS | Vue