

# Vilalii Vasilenko

## Software Engineer

### SUMMARY

Software Engineer with extensive experience in full-stack development, specializing in both front-end and back-end technologies. Noteworthy expertise with Umbraco CMS, including component development and Backoffice extension, supplemented by strong experience in .NET ecosystem (ASP.NET Core 3.1, .NET 5.0-6.0, EF Core, and .Net Framework). Proven track record in CRM and Asset Management systems, underpinned by knowledge in various programming languages and tools such as TypeScript, JavaScript, Angular, React, and Microsoft SQL Server. Holds a Master's degree in Structural Engineering, bringing a solid analytical and problem-solving mindset to software engineering. Certified in .Net/C# and possesses additional web development skills with qualifications in HTML, CSS, and SEO. Committed to best practices and methodologies like SOLID, CQRS, and experienced in working with IIS and implementing server-side pagination. Effective at working with geospatial databases and GIS technologies, demonstrating versatility and capability in tackling diverse software challenges.

### SKILLS

<b>Main Technical Skills</b>	TypeScript (3 yr.), JavaScript (3 yr.), Angular, React, EF Core
<b>.NET Platform</b>	ASP.NET WebForms, LINQ
<b>JavaScript Frameworks and Libraries</b>	Express
<b>UI Frameworks, Libraries, and Browsers</b>	jQuery (3 yr.)
<b>Deployment, CI/CD &amp; Administration</b>	Blazor
<b>Web/App Servers, Middleware</b>	Internet Information Services (IIS) (3 yr.)
<b>Operating Systems</b>	Linux
<b>Methodologies, Paradigms and Patterns</b>	SOLID (3 yr.)
<b>Other Technical Skills</b>	ArcGIS, MeditR (CQRS) (3 yr.), Umbraco

## WORK EXPERIENCE

### Full Stack Developer, CRM Support

**Duration:** July 2020 – Present

**Summary:** Development of a CRM system with financial component integration, component development for Umbraco CMS, extending Umbraco Backoffice functionality, generation of contracts, and creation of email templates.

**Responsibilities:** Full Stack Developer responsible for developing front and backend components, extending database tables, implementing frontend components.

**Technologies:** Umbraco CMS 8, ASP.NET Core 3.1, .NET 5.0-6.0, EntityFramework, .Net Framework, MSSQL, JS, JQuery, React, Devexpress, SOLID, CQRS, IIS

### Full Stack Developer, AssetsManagement Support

**Duration:** July 2020 – Present

**Summary:** Support and development of the Asset Management system with notifications, component development for Umbraco CMS, extending Umbraco Backoffice functionality, and implementing server-side pagination.

**Responsibilities:** Full Stack Developer responsible for developing and extending components, working on the backoffice functionality, and database tables.

**Technologies:** Umbraco CMS 8, ASP.NET Core 3.1, .NET 5.0-6.0, EntityFramework, .Net Framework, MSSQL, JS, JQuery, Devexpress, SOLID, CQRS, IIS

### Full Stack Developer, Umbraco CMS Component Development

**Duration:** July 2020 – Present

**Summary:** Development of components for Umbraco CMS, extension of backoffice functionality on newer Umbraco CMS versions.

**Responsibilities:** Full Stack Developer in charge of developing and extending Umbraco CMS components and functionality.

**Technologies:** Umbraco CMS 9, Umbraco CMS 10, AngularJs, ASP.NET Core 5.0-6.0

### Full Stack Developer, StreetsApp

**Duration:** January 2020 - July 2020

**Summary:** Created an application for updating and managing street data within a geospatial database, integrating with ArcGIS for Portal.

**Responsibilities:** Full Stack Developer responsible for creating and expanding the geospatial database, and integration with ArcGIS.

**Technologies:** ASP.NET Web API, ArcGis Server, ArcGis for Portal, MSSQL, GDB, ASP.NET Core 5.0-6.0, Blazor, Radzen, IIS, Microservices architecture, LINQ, ArcGIS Server

## EDUCATION

- **MS, Structural Engineering**

Beketov National University of Urban Economy in Kharkiv, UA  
2006 - 2011



## CERTIFICATION

- **A-Level .Net/C# Extended Certificate**

RCNIT

2019

- **HTML, CSS**

RCNIT

2014

- **SEO**

RCNIT

2014

