

# Oleg M.

## Senior .NET Full-Stack Software Engineer

### SUMMARY

- Experienced Full-Stack Software Developer with 14+ years in commercial IT, with deep expertise in C#/.NET for server-side solutions - Extensive hands-on experience in modern frontend development using JavaScript, TypeScript, and frameworks like React. - Proven ability to engineer scalable architectures, design and implement efficient RESTful APIs, real-time communication layers (SignalR, WebRTC), and robust business logic for complex enterprise systems. - Advanced in building responsive, maintainable client-side interfaces (SPA/SPA-PWA) and integrating UI with backend services using modern web standards (HTML5, CSS3, Bootstrap). - Strong background in relational database design and performance tuning (MS SQL Server, Oracle, MySQL), ORM frameworks (Entity Framework, NHibernate), and cloud integration (Azure). - Track record of delivering high-quality, maintainable code in dynamic domains including Media & Entertainment, Manufacturing, Healthcare, Energy, Industrial Automation, and Retail. - Analytical, proactive, and collaborative – always driving for maximum business value and technical excellence on both frontend and backend.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	React, C#, .NET
<b>Programming Languages</b>	C, C#, C++, JavaScript, Objective Pascal, TypeScript
<b>.NET Platform</b>	ADO.NET, ASP.NET, ASP.NET Core Framework, ASP.NET MVC, ASP.NET Web API, Entity Framework, LINQ, .NET, .Net WCF, SignalR, WebForms, WPF
<b>JavaScript Frameworks</b>	jQuery, React
<b>JavaScript Libraries and Tools</b>	NHibernate
<b>Databases &amp; Management Systems / ORM</b>	Database Design, Microsoft SQL Server, MySQL, NHibernate, Oracle Database, ORM, PL/SQL, relational databases, SQL, SQL Server Management Studio
<b>UI Frameworks, Libraries, and Browsers</b>	Ajax, Bootstrap, CSS, CSS3, HTML, HTML5, jQuery, UI
<b>Cloud Platforms, Services &amp; Computing</b>	Azure
<b>Azure Cloud Services</b>	Azure Database, Azure DevOps, Azure Service Bus, Azure Services, Azure Storage
<b>Industry Domain Experience</b>	Healthcare, retail
	ASP.NET Web API, RESTful API, Web API, Winforms

<b>SDK / API and Integrations</b>	
<b>Deployment, CI/CD &amp; Administration</b>	Blazor
<b>Web/App Servers, Middleware</b>	Internet Information Services (IIS)
<b>Third Party Tools / IDEs / SDK / Services</b>	Microsoft Visual Studio Code, ReSharper, SQL Server Management Studio
<b>Methodologies, Paradigms and Patterns</b>	MVC
<b>QA, Test Automation, Security</b>	NUnit, Postman
<b>Version Control</b>	TortoiseGit
<b>Mail / Network Protocols / Data transfer</b>	VPN, WebRTC
<b>Other Technical Skills</b>	ASP.NET SignalR, Backend, Business logic, Core, database, DB, Desktop, Enterprise, MEF, MS, MSBuild, Oracle Database Server, Performance Tuning, Prism, Relational, Responsive, Visual Studio 2022, WinApi, XML/JSON

## EXPERIENCE

### Media Content Management Platform

January 2021 – July 2025

**Industry:** Media & Entertainment

**Description:** A powerful digital display control system that simplifies live event signage presentations with live content editing, schedules synchronized content for 24/7 media applications, provides real-time sponsor reporting and remote access. Used in stadiums, entertainment venues, transit hubs, and trade centers.

**Responsibilities:**

- Designing and optimizing relational database structures
- Developing application architecture
- Implementing core business logic and backend functionality to drive workflows

**Technologies:** C#, WebAPI, WCF, SQL Server, Entity Framework, React, ASP.NET MVC, Blazor, C++, WinAPI, Win32, VPN, SignalR, MySQL.

### Oracle Database Management System

January 2019 – December 2020

**Industry:** Database Management Systems

**Description:** An Oracle DB management app for monitoring, configuring, maintenance, backup, performance tuning, and automating operations. Rich WPF desktop UI for DB admins.



**Responsibilities:**

- Designing relational databases and scalable architectures
- Implementing backend logic for core functionalities
- Developing high-performance UIs

**Technologies:** C#, WPF, Oracle.

**Advanced Computer Bridge Game**

January 2018 – December 2018

**Industry:** Gaming

**Description:** Client-server WPF game for bridge players worldwide, supporting multiplayer and competitive play.

**Responsibilities:**

- Designing and optimizing relational databases
- Developing backend logic
- Building responsive UIs

**Technologies:** C#, WPF, WiX, XML, Reporting.

**Production Tracking and Traceability System**

January 2016 – Dec 2017

**Industry:** Manufacturing

**Description:** A modern replacement for a DOS-based legacy production tracking system, enabling full material genealogy tracking, physical characteristics, lab assay data, and production traceability in one report.

**Responsibilities:**

- Designing relational databases and scalable architectures
- Developing core business logic and automated file-based reporting
- Building efficient and intuitive UIs

**Technologies:** C#, WPF, WCF, Prism, SQL Server, ADO.NET, Entity Framework, SSRS, WiX.

**Wind Resource Prediction System**

January 2014 – December 2015

**Industry:** Renewable Energy

**Description:**

- WPF desktop application for predicting wind climates, wind resources, and power output based on regional data and complex terrain modeling.

**Responsibilities:**

- Designing relational databases
- Developing scalable architecture
- Implementing backend logic
- Creating responsive interfaces



**Technologies:** C#, WPF, Prism, Telerik, WiX, XML, Reporting.

## **WP4x00 Application Development Tool**

January 2013 – December 2013

**Industry:** Industrial Automation

**Description:** Tool for developing industrial automation control systems with customizable features and high code quality.

**Responsibilities:**

- Designing relational databases
- Developing backend logic
- Building responsive UIs
- Writing unit tests

**Technologies:** C#, ASP.NET MVC, WCF, JavaScript, SQL Server, jQuery, jQueryUI, CSS.

## **Pharmacy Management System**

January 2011 – December 2012

**Industry:** Healthcare

**Description:** A system for managing medical inventory, prescriptions, and patient records for pharmacies.

**Responsibilities:**

- Developing core application logic
- Bug fixing for stability and performance

**Technologies:** C#, WPF, WCF, NHibernate, Infragistics, Prism, Unity, Telerik.

## **Window Inventory Management System**

January 2009 – December 2010

**Industry:** Retail

**Description:** WinForms desktop application for window sales companies – includes CRM, inventory, and reporting.

**Responsibilities:**

- Designing relational databases
- Developing scalable architecture
- Implementing business logic
- Creating intuitive UI

**Technologies:** WinForms, SQL Server, .NET Framework 2.0, C#.

## **EDUCATION**

### **Ivan Franko National University of Lviv**

Master's Degree in Applied Mathematics



Lviv, Ukraine

