



Oleg Meleca

Position Title and No.	Architect. Team Lead
Name:	Oleg Meleca
Date of Birth:	24.06.1981
Country of Citizenship/Residence:	Republic of Moldova

Education:

1999 – 2003: Academy of Economic Studies of Moldova (ASEM), Bachelor's Degree in Information Systems for Financial Banking sector and Economic field – Degree No. 0066209 (Issued: 21.06.2003);

Employment record relevant to the assignment:

Over **15 years** of experience in software development, including:

- .NET Framework / .NET Core
- Blazor, EF Core, MSSQL
- JavaScript, HTML5, CSS3, Bootstrap
- Redis, ElasticSearch, PostgreSQL
- Docker, Git, Sitefinity, Shopify

Participation in multiple projects of similar complexity in the last 5 years

- **REEF Project Implementation. Complex Architecture analysis and implementation of SINEE for CNED** (modular-monolith on base platform + many functionality as module + headless CMS with language for public zone with admin panel)
- **CEC Control Financiar** (complex reporting, dynamic SQL, MSign integration, generate many reports with dynamic search filter)
- **eAdmitere** (full-stack platform with MPass, MPay, Blazor, headless CMS, CI/CD)
- **angajat.md** (integration with Redis, Elasticsearch, ReactJS frontend, integrate search into CMS for public zone)



- **SIME HIV/TB** (government healthcare systems)

Deep understanding of system integration, interoperability, and containerization demonstrated through:

- Azure Service Bus event-driven architecture (Renson project – integrate and management WebHook for microservice)
- Integration of **MService**, **MPass**, **MinIO** for object storage
- Use of **Docker** for containerization
- GraphQL, Integration Shopify Marketplace on CMS Sitefinity, by region and multilanguages.

Deep understanding of modern development technologies, including web technologies

- .NET Core, Blazor, ReactJS, Angular, Vue, JavaScript (vanilla and frameworks), HTML5, CSS3
- WebAssembly (MedClinic ERP)
- Frontend frameworks and modern dev pipelines

Experience in development of high availability and high-performance software

- Refactoring backend architecture for **performance** (EVO project)
- Stored procedure sync fix, WebAssambly, dynamic SQL optimization (CEC project – finance.cec.md)
- Use of scalable services (Azure Event Bus, MPass)

Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment
Feb 2025 - Present	Power IT – Team Lead for .NET Departments	Moldova	REEF Project Implementation. Architecture implementation of SINEE for CNED. Added open-



			source headless CMS Pirahna for public zone.
Jan 2024 – Dec 2024	EBS Integrator – Engineer Manager for .NET Departments Ref: info@ebs.md	Moldova	Led architecture for major government and public service platforms (EVO, for eAdmitere added custom CMS native on Blazor and .NET Core, SIME HIV/TB). Built Blazor components, integrated MPass/MPay services, CI/CD pipelines, APIs, unit tests, and handled performance optimization.
2021 – 2024	InDrivo SRL – .NET Developer, Team Leader Ref: office@indrivo.com	Moldova/ Belgium	Managed team and technical delivery for angajat.md (for admin dashboard, integrated tools from CMS for groups, categories and articles), CEC Control Financiar working with WebAssambly, and Renson. Worked on ElasticSearch, Redis, ReactJS, encryption, Azure Service Bus (WebHooks), dynamic SQL procedures, and Blazor UI components.
2020 – 2021	CreativSoft SRL – .NET Developer Ref: contact@creativsoft.md	Moldova/Romania/USA	Developed a GraphQL client connecting Sitefinity CMS and Shopify for a global marketplace (www.sena.com). Focused on MVC pattern in JavaScript and multi-region implementation.



			Shopify Marketplace has been set up and mapped to regions by language and exposed for display by the same rules in Sitefinity CMS.
2018 – 2020	MedClinic International SA	Moldova	Developed ERP system in WebAssembler and corporate website https://mci.md .
2015 – 2018	ArtLogic – PHP Developer	Moldova / Canada	Developed and maintained marketplace platforms.
2005 – 2018	SECA “CARTEA” SA – .NET Developer, System and Network Administrator	Moldova	Created and maintained accounting and marketplace software, system and network administration.
2013 – 2014	Startup: carteamea.md – Founder/Developer	Moldova	Created an e-commerce platform, including full redesign in 2020.
2010 – 2013	AIMS Center – .NET Framework Developer	Moldova / Spania	Worked on FinTech systems.
2008 – 2009	SUPRATEN SA – PHP Developer	Moldova	Created online shop and catalog www.supraten.md .
2004 – 2005	DAAC System – Solutions Program Manager	Moldova	Supported IT project management and solution design.
2001 – 2003	National Securities Commission – Programmer	Moldova	Developed systems related to stock/banking oversight.

7. Language skills: (Mark 1 to 5 for competence, 5 being the highest)



<i>Language</i>	<i>Reading</i>	<i>Speaking</i>	<i>Writing</i>
Romanian	5	5	5
Russian	5	5	5
French	3	2	3
English	4	4	4

8. Membership of professional bodies:

Certificate:

C# CT-HAAAKQF, Issued 10 May 2018;
CSS CT-TKSL7T8M, Issued 07 April, 2018;
HTML CT-P5UNNB8J, Issued 20 March 2018;
JavaScript CR-VMUHCJD0, Issued 12 March 2018;
PHP CT-CJBP8WHP, Issued 16 May, 2018;
SQL CT-62NVOX7U, Issued 09 April, 2018;

9. Other relevant skills (e.g. computer literacy, etc.):

- **Technologies:** .NET Framework, .NET Core, Blazor, EF Core, MSSQL, MySQL, PostgreSQL, Redis, ElasticSearch, C#, HTML5, CSS3, JavaScript, JQuery, Bootstrap, ReactJS, Vue, Angular
- **CMS & Platforms:** Sitefinity, Shopify, WordPress, headless CMS (.NET)
- **DevOps & Tools:** Docker, Git, RedMine
- **Cloud & Messaging:** Azure Service Bus, MinIO
- **Other:** GraphQL, MVC in JS, CI/CD pipelines, API integrations, Report Building (MS), MPass, MNotify, MPay, MCabinet, MLog, SMS Client by operator.

2021: "CreativSoft" SRL, .NET Developer, marketplace (www.sena.com)



For the sena.com project, I developed a GraphQL Client on vanilla javascript, through which we connected Sitefinity CMS with Shopify (marketplace). The GraphQL client was designed according to the MVC pattern on JS. The marketplace was implemented for the American, European and global markets, and product matching was done by varieties and accessories.

2020 - 2024: InDrivo SRL, .NET Developer, Team Leader. (CEC Control Financiar: version from 1 to 3, Renson - WebHook, <https://angajat.md>)

For the angajat.md project: I fixed the synchronization gap between Redis and ElasticSearch, I created new indexes in ElasticSearch, I extended the functional frontend through ReactJS, I fixed the cache in the UI, I fixed the translations on the UI, I implemented the encryption of the communication channel between the client and the server through HttpClient.

For Renson: I implemented WebHooks according to the EDA architecture, I set and configured, according to the principles of this architecture, a lot of event rules for publishers, subscribers based on the event broker in Azure Service Bus.

For CEC: I extended the functionality for the Financial Control project, where based on multiple stored procedures the generation, collection and calculation of various reports and registers of major complexity was implemented, which assumed dynamic content both vertically and horizontally. We solved the problem related to the application of the signatory for documents submitted based on MSign. We developed many new modules to extend the platform's functionality, a series of wizards for generating reports, for importing data from Excel files with a complex and dynamic structure. Many stored procedures were rewritten to transform the logic from static statements to dynamic statements, or from recursion to a single stack, to increase the technical performance of SQL Server. I developed many reports using MS Report Building.

For the eAPL (Local Public Agency) project, I developed the UI on blazor wasm, the components for blazor, implemented FOD from EGOV, integrated MService from FOD, extended the functionality according to the specifications.

2024 : EBS Integrator - Engineer Manager for .NET Departments. (EVO version 1, eAdmitere version 1, SIME HIV, SIME TB)

Personal contribution for eAdmitere: database development, project architecture development, for public areas, frontoffice and backoffice, development of components for blazor, MService integration (MPass, MNotify, MCabinet, MPay), MPass setting by group roles, CI/CD pipeline, MinIO integration for object storage, headless CMS integration, external API development, integration with unit tests, implementation of the SMS module. Conversion of UI from Figma to HTML/CSS for Blazor.

Personal contribution for SIME HIV/TB: development of technical documentation, development of database, development of entities, links.

Personal contribution for EVO: refactoring of the backend architecture for performance, implementation of endpoints for integration with MPass, MPay, MPower.



During the work process, I worked on the project backlog, to estimate the development time, to develop tasks based on workflows, to distribute tasks per team.

2025 : Power IT – Team Lead for .NET Department.

IT application platform for the Residential Energy Efficiency Fund

Digitalize and streamline the application and disbursement process for energy efficiency projects.

- **Key Features:**
 - Integration with government registries through MConnect for automated validation.
 - Secure online platforms for applicants to submit applications and track their status.
 - Enhanced traceability and audit functionality using MLog.
- **Impact:** Improved document management, faster processing, and higher levels of transparency and user satisfaction.

SKILLS

.Net Framework, .Net Core, EF Core, Blazor, MSSQL, MySQL, PostgreSQL, Redis, ElasticSearch, C#, SQL, HTML5, CSS3, JavaScript, JQuery, BootStrap, Sitefinity, Shopify, WordPress, RedMine, Docker, Git