



OLEKSANDR BRATSIUK

Senior .NET Full-Stack Engineer

(Backend-focused)

SUMMARY

Full-Stack .NET engineer (Backend-focused) with extensive experience in designing and implementing web applications, distributed APIs, and data-driven systems using C#, ASP.NET Core, EF Core, MS SQL Server, and solid architectural practices. Strong background in integrations, performance optimization, and maintaining/modernizing complex legacy codebases. Full-Stack capable (Angular/React) for UI features and full delivery flows when needed. Brings ownership, clear communication, and experience working across the entire development cycle of enterprise and B2B products.

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SKILLS

Backend:

C# (11+ years), .NET, ASP.NET Core, WebAPI, EF Core, LINQ, MS SQL Server, PostgreSQL, REST API, Clean Architecture, SOLID

Frontend:

Angular, React, Redux, TypeScript, JavaScript, HTML5, CSS3, Bootstrap

Architecture & Patterns:

Clean Architecture, design patterns (factory, strategy, etc.), messaging basics (RabbitMQ), refactoring, performance optimization

EXPERIENCE

Startup Project

Senior .NET Engineer June – August 2025
(Contract)

Short-term engineering contract for a fintech MVP (real-time bidding system).

Key contributions (concise):

- Implemented backend features using ASP.NET Core, EF Core, SQL Server.
- Added real-time updates via SignalR and RabbitMQ.
- Built several REST API endpoints and small internal React UI prototypes (non-production).
- Integrated Flitt payment workflows.

Technologies: ASP.NET Core, EF Core, SQL Server, SignalR, RabbitMQ, React.

Solution Mentors Inc Senior .NET Full-Stack November 2020 –
Engineer (Backend-focused) October 2024

Worked on **Ecentex Dynamic Case Management**, a large enterprise-grade B2B SaaS platform for workflow and case automation.

Key responsibilities & contributions:

- Implemented backend business logic and system integrations in

LANGUAGES

Ukrainian, Russian - native
English — Intermediate (B1), progressing toward B2

C# (.NET).

- Improved SQL/Oracle performance: query optimization, indexing, refactoring data-access layers.
- Customized enterprise UI modules using JavaScript/ExtJS; occasionally used React for small experiments and pet prototypes.
- Participated in data migrations (Oracle ↔ SQL Server), ensuring consistency and operational stability.
- Investigated production issues, analyzed logs, identified bottlenecks, and improved reliability.

Technologies: C#, .NET, Oracle, SQL Server, JavaScript, ExtJS, React

ABC Solutions Pro Full-Stack .NET Developer August 2018 – October 2020

Developed two internal B2B systems end-to-end as the primary full-stack engineer.

- Insurance discounts system (**Angular + .NET Core + PostgreSQL**).
- Wholesale order management system (**React + .NET Core**).

Key contributions:

- Designed and implemented backend APIs, data models, and business logic.
- Built full-stack functionality end-to-end: UI, API layer, data access, deployment.
- Developed the admin UI using clean React + Bootstrap CSS (no external UI frameworks) based on team requirements.
- Delivered a complete Angular-based front-end for the insurance discount workflow.
- Collaborated with a small team, taking full ownership of assigned modules.

Technologies: ASP.NET Core, EF Core, PostgreSQL, Angular, React, Bootstrap

ITOGO Senior .NET Developer December 2017 - August 2018

Worked on a retail management system with complex dynamic data structures and integrations.

Key contributions:

- Reverse-engineered and extended a highly dynamic internal data model by analyzing database structures and workflow logic.
- Developed full API integrations with **Datawiz** and **Horoshop**: API clients, business logic, data mapping, and validation.
- Collaborated with external teams (Horoshop) to clarify API formats and ensure correct data exchange.

- Maintained and optimized backend logic for product and analytics modules.
- Made small UI adjustments using TypeScript, Vue.js, and Kendo UI when needed.

Technologies: C#, ASP.NET MVC4, MS SQL Server, TypeScript, Vue.js, Kendo UI

Inprimex **Backend Developer** **November 2015 - December 2017**

Worked on a discounts and purchasing platform with complex multi-level bonus and commission logic.

Key contributions:

- Designed database schema and implemented HTTP services using **ServiceStack**.
- Built a multi-level bonus/commission calculation engine (MLM-style): recursive distribution logic across hierarchical customer trees, heavy SQL optimization, and fast upward recalculations for every purchase.
- Optimized SQL queries for processing large bonus structures and upward tree recalculations during every purchase.
- Integrated payment workflows with **Stripe** (API clients, validation, transaction handling).
- Implemented backend business logic and data-processing modules as part of a small engineering team.

Technologies: C#, ServiceStack, PostgreSQL, Stripe

Selected achievements from earlier roles

Enterprise systems (financial, telecom, government):

Designed and optimized large-scale data workflows, SQL logic, and integrations between heterogeneous systems (Oracle, MS SQL, Sybase ASE/ASA, DB2). Worked on high-load, multi-module platforms with complex business rules and strict data consistency requirements.

Key achievements:

- **Developed a distributed data replication subsystem** for State Statistics of Ukraine (Sybase CIS), ensuring reliable aggregation and synchronization across regional databases.
- **Built a dynamic validation engine** for the large census project (Sybase SQL Solution): configurable rules, bulk data checks, and UI with real-time highlighting of inconsistencies.
- **Implemented SQL performance improvements** for enterprise reporting and analytical systems in large telecom/retail environments.

- **Integrated data pipelines** between MS SQL Server and Oracle/DB2 to support operational analytics and reporting.

EDUCATION

Taras Shevchenko National University of Kyiv

Master's Degree in Economic Cybernetics — Diploma with Honors

COURSES

English (GreenForest) — ongoing