

Best Technology Talent For Companies Around The World



Denis

Senior .NET Software Engineer

Summary

Senior .NET Software Engineer with 6+ years of commercial experience in backend development using .NET 6–8, .NET Core, and .NET Framework. Strong expertise in C#, ASP.NET Core/Web API, Entity Framework, SQL databases, and distributed systems architecture.

Experienced in building microservices, integrating enterprise platforms (D365, Salesforce), working with event-driven architectures (Apache Kafka), and designing cloud-native solutions in AWS (Lambda, SQS, SNS, CloudFormation).

Background also includes CAD software development, AutoCAD/BricsCAD plugin development, and 3D analytical geometry applications. Skilled in Agile environments (Scrum, Kanban), release management, mentoring, and cross-team collaboration.

TECHNICAL SKILLS:

- Backend: C#, .NET 6–8, .NET Core, .NET Standard, .NET Framework, ASP.NET Core, ASP.NET Web API, ASP.NET MVC, Entity Framework, CQRS, Mediator pattern
- Cloud & DevOps: Amazon Web Services (IAM, Lambda, SQS, SNS, CloudFormation, OpenSearch), Docker, Jenkins
- Messaging & Integration: Apache Kafka, OData, REST APIs
- Databases: PostgreSQL, MS SQL
- Testing: xUnit, NUnit
- CAD & 3D: AutoCAD API, BricsCAD API, Civil 3D API, Creo Parametric API, NetTopologySuite, Geo.Geometry
- Other: WPF, Salesforce, Apex, ElasticSearch, Win32 API, Three.js, Node.js

Professional Career

Senior .Net Software Developer

January 2022 – present | Ukraine

Project 1 info:

Order Management Service. A billing and order management microservice designed to replace D365 order storage and workflow functionality. The system included REST APIs for internal microservices, Kafka consumers for D365 events, and AWS jobs for order progression and vendor data integration.

Responsibilities:

- Took the main role in integrating D365 and the billing service, ensuring smooth data flow and system alignment.
- Migrated endpoints from REST to OData for improved efficiency.
- Developed functionality to consume and process events from Kafka topics.
- Implemented a process queue to track and store Kafka event data and processing results.
- Designed and maintained new and existing Web APIs.
- Contributed to migrating business logic from the billing service to Salesforce.
- Served as Release Officer, coordinating and managing deployments for Salesforce and billing service projects.
- Assisted in onboarding new team members, ensuring smooth integration into the team.

Software and technologies:

C#, .NET, ASP.NET Web API, Entity Framework, Salesforce, Apex, Apache Kafka, Amazon Web Services, PostgreSQL, Jenkins, xUnit

Project 2 info:

Media Management Platform. A system for managing movies, series, seasons, episodes, and different media versions with complex data processing and validation workflows.

Responsibilities:

- Implemented new features (conflict management, parsing complex data from Excel) using NET6, ASP.NET Web, Entity Framework, AWS and CQRS + Mediator patterns
- Created and used AWS jobs, lambdas, and SQSs using CloudFormation and AWS SDK
- Implement new endpoints and all needed backend validation

Software and technologies:

.NET6, .NET Standart, Entity Framework, ASP.NET Web API, C#, MS SQL, Elastic Search, XUnit, AWS (IAM, Lambda, Simple Notification Service, Simple Queue Service, Cloud Formation, Open Search)

C# .NET + CAD Engineer

February 2020 – December 2021 | Ukraine

Project info:

AutoCAD Plugin for Solar Industry. A CAD plugin allowing engineers to design solar farms on rooftops and ground surfaces, including geometry calculations and layout optimization.

Responsibilities:

- Developed CAD plugin functionality using C# and .NET Framework
- Integrated with AutoCAD, BricsCAD, and Civil 3D APIs
- Implemented 3D analytical geometry calculations
- Developed automated testing using NUnit and CadTest
- Worked with spatial libraries for geometric operations

Software and technologies:

C#, .NET Framework, AutoCAD/BricsCAD/Civil 3D API, NUnit, CadTest, NetTopologySuite, Geo.Geometry, Newtonsoft.Json

Software Engineer

January 2019 – December 2019 | Ukraine

Project 1 info:

Product Data Management System (Web). A browser-based tool for administering and synchronizing product data across distributed development teams.

Responsibilities:

- Developed integration logic between CAD platforms
- Worked with low-level Windows APIs and CAD-specific APIs

Software and technologies:

C++, Creo Parametric API, Win32 API

Project 2 info:

CAD Systems Connector. A tool for connecting and synchronizing data between different CAD systems.

Responsibilities:

- Developed backend functionality using ASP.NET MVC
- Implemented frontend components using React and JavaScript
- Built synchronization mechanisms for project data

Software and technologies:

C#, ASP.NET MVC, React, JavaScript, HTML, CSS

Project 3 info:

Browser STL and OBJ Editor. A web-based utility for visualizing and editing 3D objects directly in the browser.

Responsibilities:

- Developed 3D visualization logic
- Enabled saving of modified 3D objects

Software and technologies:

C++, Three.js, Node.js, HTML, CSS

Solidity Engineer

May 2018 – August 2018 | Ukraine

Project info:

A secure blockchain-based voting system implemented as a single-page application using smart contracts.

Responsibilities:

- implement the whole project

Software and technologies:

Solidity, web3.js, React.js, HTML, CS

Education

2016 – 2022

National Yuriy Fedkovych University

Master's Degree in Applied Mathematics

Foreign Languages Skills

English: Upper-Intermediate

Ukrainian: Native