SENIOR .NET ENGINEER

Education

Bachelor's Degree in Automation & Control Systems

Language proficiency

English —B2

French —A2

Domains

Technology

Logistics

Engineering

Healthcare

Data Management

Manufacturing

Software engineer with 10+ years of commercial experience.

Senior .NET Engineer with 10+ years of experience designing and delivering scalable, cloud-ready enterprise solutions. Expert in .NET (Framework & Core), microservices, distributed systems, and high-performance backend development. Strong background in domain-driven design, CQRS, clean architecture, and event-driven communication. Hands-on with ASP.NET Core, EF Core, Web API, SignalR, and modern front-end frameworks including React and Angular.

Experienced in Azure (App Services, Functions, Storage, Key Vault), AWS, Docker, Kubernetes, CI/CD automation, API design, and DevOps practices. Skilled in integrating third-party systems, building real-time applications, optimizing complex workflows, and improving system performance at scale. Focused on clean, maintainable code, security-by-design, and delivering production-grade software for mission-critical domains.

Programming languages

C#, JavaScript, TypeScript, C++, HTML/CSS

Back-end Technologies

ASP.NET Core, .NET 6+, .NET Framework, Web API, EF Core, LINQ, ADO.NET, WCF, SignalR, CQRS, DDD, Clean Architecture, Microservices, Event Sourcing, REST/gRPC API design, MediatR, MassTransit, Swagger/OpenAPI

Front-end Technologies

React, Angular 2+, Angular.js, jQuery, Bootstrap, HTML5, CSS3, ExtJS/Sencha

Architecture & Patterns

Domain-Driven Design, CQRS, Event-Driven Architecture, Microservices, SOA, Clean Architecture, Layered Architecture,

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.

MVC, MVVM, SOLID, Pub/Sub, Strangler Pattern, API Versioning, Contract-first API Design

Databases

MS SQL Server, MySQL, PostgreSQL, Azure Blob/Table Storage

Cloud & DevOps

Azure (App Services, Functions, Storage, Key Vault, Application Insights), AWS, Docker, Kubernetes (AKS/EKS), CI/CD (Jenkins, GitHub Actions, Azure DevOps), IaC (Terraform), Git, SVN, TFS

Security

OAuth2/OIDC, JWT, IAM/RBAC, Key Vault, secure-by-design principles

Observability & Testing

xUnit, NUnit, Integration Testing, Logging/Monitoring, Application Insights, Grafana, Prometheus

AI-powered development

GitHub Copilot, automated code reviews, AI-assisted refactoring & test generation

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.

Projects

PLATFORM FOR ENHANCING AIRCRAFT UPTIME

The project aims to improve aircraft uptime in the aviation industry by implementing a technology platform for managing maintenance and manuals. The platform provides real-time visibility of maintenance, operations, and regulatory data, an intuitive interface, and an intelligent database that leverages AI and machine learning. The project will involve integrating the platform into existing aviation systems and training personnel on its use. The expected outcome is an increase in aircraft uptime, reduced waiting times, improved efficiency, and reduced costs.

Position

Senior .NET Engineer

Period

04.2024 – Till now

Responsibilities & achievements

- Led end-to-end development of a mission-critical aviation platform, including CI/CD pipeline design and cloud infrastructure setup;
- Designed and delivered modules for predictive maintenance aligned with aviation regulatory requirements;
- Implemented integrations with multiple legacy systems, ensuring secure and reliable data exchange;
- Conducted security-focused code reviews and enforced engineering standards across the team;
- Collaborated with product and domain experts to refine business workflows and system architecture.

Environment

.Net framework 4.7, .Net Core .Net 6, Angular 2+, Angular.js, Azure, React, Azure Functions, App Services, AWS, MS SQL, JSON, Orchestration, Headless architecture, Entity Framework, SignalR, RabbitMQ, Docker, REST

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.

LOGISTICS PLATFORM

Cloud-based SaaS solution for urban last-mile delivery, combining customer web portals, driver mobile apps, and intelligent backend services. The system leverages .NET microservices and Azure cloud infrastructure to power real-time order processing, AI-driven route optimization, and seamless third-party integrations through RESTful APIs. Key components include an ASP.NET MVC customer dashboard with real-time tracking, Android driver applications with turn-by-turn navigation, and a scalable order management engine processing thousands of daily transactions. The architecture employs Entity Framework Core for data persistence, Azure Blob Storage for document management, and Google Maps Platform API for geospatial intelligence, delivering a robust solution that streamlines urban logistics operations.

Position

Senior Full-Stack .NET Engineer

Period

04.2022 – 04.2024

Responsibilities & achievements

- Architected and developed scalable microservices for order processing and real-time route optimization;
- Led migration to Clean Architecture, improving maintainability and testability of core modules;
- Designed RESTful adapters for multiple carrier integrations, enabling seamless data exchange;
- Built responsive customer and driver interfaces with real-time tracking using Google Maps API;
- Performed performance troubleshooting and implemented fixes across distributed components;
- Conducted security-oriented code reviews and collaborated closely with product stakeholders.

Environment

.NET Core, C#, ASP.NET MVC5, MS SQL, EF Core, Microsoft Azure; Orchestration, Agile Scrum; Git; JS, JQuery, JSON, DevExpress, Bootstrap, HTML, CSS; Google Maps Platform API

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.

PRODUCT LIFECYCLE MANAGEMENT SYSTEM

A web platform for end-to-end product lifecycle management, integrating engineering, manufacturing, and operational workflows. A business-ready solution for product definition and engineering change management across the enterprise. Product Engineering includes core PLM data and process functionality such as Parts, Bill of Materials (BOM), Documents, CAD Documents, Approved Manufacturer Lists/Approved Vendor Lists (AML/AVL) and Change items

Project roles

Senior Software Engineer (.NET)

Period

06.2015– 04.2022

Responsibilities & achievements

- Designed and developed backend and database components for enterprise-scale PLM modules (BOM, AML/AVL, engineering changes);
- Delivered browser-based 3D visualization features to support collaboration across engineering teams;
- Integrated multiple third-party services using SOAP/REST APIs;
- Diagnosed and resolved performance bottlenecks in high-volume data processing workflows;
- Built reusable UI components and contributed to front-end logic for complex engineering screens;
- Participated in code reviews, customer workshops, and agile delivery ceremonies.

Environment

NET, C#, ASP.NET, C++, XML, MS SQL; Agile Scrum, SAFe; JSON, SOAP, WSDL, Git; JS, HTML, CSS, Dojo-components

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.

HIGH-VOLUME PRINTING SYSTEM

A high-availability computational cluster and platform for mass-scale variable data printing. The system processes millions of dynamically generated documents, including financial reports, fact sheets, and educational materials.

Project roles

Senior .NET Developer

Period

12.2013 – 06.2015

Responsibilities & achievements

- Led full-stack development of a high-availability printing system processing millions of documents daily;
- Designed backend service layers and reusable UI toolkits for dynamic document templates;
- Developed a rule-based document assembly pipeline integrating Adobe InDesign SDK;
- Performed performance optimization and resolved bottlenecks in distributed processing;
- Participated in sprint planning, code reviews, and continuous integration workflows.

Environment

.NET, C#, ASP.NET MVC, Web API, MS SQL; Scrum; Git, SVN; DHTML, jQuery, HTML, CSS, Adobe InDesign

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.

CLINICAL TRIAL SYSTEM

Regulatory-compliant trial management suite with audit-proof data retention. Accelerated FDA submissions via ExtJS-powered UI and WCF services.

Project roles

Senior .NET Engineer

Period

05.2012 – 12.2013

Responsibilities & achievements

- Designed and implemented backend and data components supporting FDA-compliant clinical trials;
- Developed ExtJS-powered interfaces with strong auditability requirements;
- Provided technical expertise during compliance audits and stakeholder reviews;
- Performed troubleshooting, performance tuning, and integration of WCF services;
- Contributed to unit/integration testing and CI/CD processes.

Environment

.NET, C#, ASP.NET MVC, EF, WCF, XML, XSLT, MS SQL; Scrum, TFS; DHTML, ExtJS/Sencha, HTML, CSS

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.

Professional skills

SKILLS		EXPERIENCE IN YEARS
PROGRAMMING LANGUAGES AND PLATFORMS	C#, .NET	10+
	JavaScript	8+
	TypeScript	2+
	HTML/CSS	10+
	.NET Core/.NET 6+	3+
	ASP.NET MVC	10+
	Web API	7+
	WCF	2+
	Angular 2+	2+
	jQuery	8
	ExtJS/Sencha	2
	Bootstrap	6
	Azure	5+
	Docker	1
	CI/CD (Jenkins)	3
	Git	7
	Microservices	4
	Headless Architecture	1
	DDD	3
	Adobe InDesign SDK	2
	Google Maps API	3
DBMS	MS SQL Server	10+

Confidential information Itexus. Distribution without the written consent of Itexus is strictly forbidden.