Mykola Diachok

Senior Full Stack Developer / Solution Architect

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Summary

Senior Full Stack Engineer / Solution Architect with 20+ years of experience designing, modernizing, and scaling enterprise-grade software systems across retail, finance, manufacturing, and service industries.

Focused on building **reliable, high-performance platforms**, leading **legacy-to-modern transformations**, and delivering **cloud-ready solutions** in distributed environments.

Core Expertise

- Legacy system modernization (Win32 → Web, Monolith → Modular)
- Enterprise and high-load system design
- Distributed and cloud-based architectures
- API design and system integrations
- Performance optimization and scalability
- Technical leadership and mentoring

Technology Stack

Backend

- .NET, C#, ASP.NET Core, Web API
- SQL Server, MongoDB, Cosmos DB
- Background services, integrations, ETL

Frontend

- Angular, React, TypeScript
- Complex UI state management
- Enterprise-grade data grids and forms

Cloud & DevOps

- Azure (App Services, Storage, CI/CD)
- Azure DevOps pipelines
- Docker, cloud-native deployments

Career Highlights

- Led multi-year **legacy Win32 to web platform migrations** for enterprise clients in the US, UK, and Canada
- Designed and delivered **high-load, multi-tenant systems** serving thousands of users
- Built and optimized **REST APIs** and real-time integrations
- Improved system performance and stability through database and application-level optimizations
- Mentored developers and contributed to architectural decisions across multiple teams

Languages

- **English** - professional working proficiency (daily technical communication)
- **Ukrainian** - native
- **Russian** - native
- **Croatian** - basic conversational

Experience

- **Full Stack Developer**

  8/1/2021 – Present (4 years 5 months)

  Intellias (Intellias) - Zagreb, Croatia

  Migration and development of legacy Win32 applications into modern web solutions using .NET Core, Angular, React for a high-load enterprise platform in business, government, education, and healthcare sectors across the US, UK, and Canada. API development, database optimization (MS SQL, MongoDB, IBMi, Elasticsearch), and CI/CD (Azure DevOps) in an Agile environment. Mentored junior developers and provided guidance to mentees, fostering their professional growth and ensuring alignment with development best practices.

  Projects

  - AI-Assisted Development Workflow — accelerated delivery & improved code quality

  - AI Contract Data Extraction & Auto-Fill — faster processing & fewer manual errors

  - Salesforce ↔ Bids & Contracts Integration — reliable sync & better traceability

  - DevExpress Data Grid + API Optimization — faster UI & scalable server-side filtering

- **Senior C# Developer**

  3/1/2021 – 8/1/2021 (5 months)

  DevPro (DevPro) - Kyiv, Ukraine

  My main responsibilities were to develop the design of applications, provide regular support/guidance to project teams, issue resolution, and execution. The legacy system is one of the leaders in the US and Canada for the restaurant business which includes many subsystems for different areas of the business

  Projects

  - Enterprise System Support (VB / .NET) - Stable operations for high-availability restaurant chains

  - Legacy-to-Modern Transformation (API / Angular) - Safer modernization with continuous customer support

- **Senior .Net Developer**

  3/1/2020 – 2/1/2021 (11 months)

Forte Group - Kyiv, Ukraine

Supported and enhanced a collaboration and disclosure reporting platform for Donnelley Financial Solutions (DFIN), helping enterprise customers generate accurate, consistent, and audit-ready disclosure reports.

Projects

- DFIN Disclosure Reporting Platform - More reliable, scalable, and audit-ready reporting delivery

- High-Load SharePoint Reporting Workflows - Improved stability under concurrency and faster issue resolution

- **.Net Team Lead**

  3/1/2019 – 2/1/2020 (11 months)

  Tennis Point (Tennis Point) - Kiev, Ukraine

  I led the creation of a new development team in Kyiv to support the main German office. My responsibilities included optimizing the development system and migrating both development processes and CI/CD pipelines to Azure. I was involved in supporting internal projects, developing new systems, and integrating with external clients. I served as the Team Lead, establishing and building a new, large team in Kyiv composed of full-stack developers, QA engineers, and DevOps specialists.

  Projects

    - Perforce → Azure DevOps Migration - Faster releases, stronger traceability, and smoother QA collaboration

    - SAP S/4HANA ERP Integration - Reduced manual operations and improved cross-system transparency

    - Warehouse Automation Improvements - Higher throughput and more reliable robot/conveyor operations

    - Kyiv Team Build-Up (Developers & QA) - Predictable delivery capacity and better cross-site communication

- **CIO**

  2/1/2017 – 2/1/2019 (2 years)

  KT Ukraine (KT, Dnipro-M) - Kyiv, Ukraine

  As Chief Information Officer (CIO) at KT Ukraine (DNIPRO-M), I led IT operations and digital transformation across the business. I managed infrastructure, security, and software delivery, built cross-functional teams, and delivered multiple enterprise-scale systems and integrations to support rapid retail growth and omnichannel operations.

  Projects

    - 1C:Enterprise 8.3 ERP Rollout - Scalable warehouse + retail automation enabling rapid growth

- IT Department Transformation - Higher throughput, clearer ownership, and more reliable operations

- Active Directory Rollout - Centralized identity control and stronger security at scale

- Microsoft Exchange Email Migration - Standardized communication and improved reliability

Education

- **Master of Science in Computer Science**

  [Kropyvnytskyi National Technical University](#)·Sep 1999 – Jun 2001

  Kropyvnytskyi, Ukraine

  Specialist in Computer Science, specializing in software development and systems engineering.

- **Associate Degree in Computer Programming**

  Kirovohrad Cybernetics and Technical College·Sep 1996 – Jun 1999

  Kropyvnytskyi, Ukraine

  Core programming, databases, and software fundamentals.

- **Business Management**

  [Business School "KROK"](#)·Jan 2013 – Jun 2013

  Kyiv, Ukraine

  Courses in business management, project management, and entrepreneurship.