

# Dmitry Zhukovsky

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## SUMMARY

Highly motivated and inquisitive .NET Software Engineer with over 9 years of experience, including 6+ years in production environments. Specializing in developing high-performance web applications using C#, ASP.NET Core, .NET, and React. Proficient in designing and implementing RESTful APIs and microservices architecture for scalable systems.

Demonstrated expertise across multiple areas of software development, including:

- Leveraging Azure for cloud services, deployment, management, and scaling.
- Managing data access using Dapper and Entity Framework for efficient database interactions.
- Integrating third-party libraries and APIs from various platforms and payment providers to enhance functionality.
- Implementing authentication and authorization mechanisms to ensure secure access to application features.
- Working with version control systems, including Git, Subversion, and TfsVC, for efficient code collaboration and version management.
- Participating in Agile/Scrum processes, collaborating with cross-functional teams to deliver software iterations on schedule.
- Actively participating in code reviews, ensuring adherence to high-quality coding standards.
- Measuring system performance in multi-user platforms through test scenarios using automated testing tools, providing analysis and recommendations for performance improvements.

Thrives in dynamic, collaborative environments, solving complex challenges and delivering robust and high-quality software solutions.

## TECHNOLOGIES

### Backend Development

C# (6 years), .NET (5 years), .NET Framework (5 years), ASP.NET Core (5 years), Entity Framework (4 years), ASP.NET (2 years), Dapper (2 years), Python 3 (3 months), ASP.NET MVC (1 year), WCF (1 year), SignalR (1 year), Node.js (1 year).

### DevOps and Deployment

Azure DevOps (6 years), IIS (4 years), GitHub (1 year), PowerShell (1 year), Helm (1 year).

### Database Management

MS-SQL (6 years), Redis (5 years), SSAS (2 years), KQL (1 year), SSRS (6 months), MySQL (6 months).

## Testing & QA

xUnit (5 years), Moq (1 year), JMeter (1 year), Sumo Logic (1 year), NUnit (1 year), MS Test (5 months).

## Version Control & Collaboration

Git (2 years), TFVC (2 years), SVN (1 year).

## Cloud

Applications Insights (1 year), Azure App Service (1 year), Azure API Management (1 year), Azure Service Bus (1 year), Kubernetes (1 year), Microsoft Fabric (1 year), Google BigQuery (6 months).

## Frontend Development

HTML (5 years), TypeScript (2 years), SCSS (2 years), React (1 year), CSS (2 years), JavaScript (11 months), Angular (6 months).

# EXPERIENCE

## Fotando Global | Cloud Contact-Center and Communications Platform

Enterprise SaaS ecosystem for unified customer communications and digital telephony. It integrates voice, messaging, workflow automation, compliance controls, and analytics into Microsoft-based business environments. The system focuses on secure operations, interoperability, and scalable customer engagement at global enterprise level.

### Senior .NET Backend Engineer

Nov 2024 - Present

- Established a reputation as a reliable engineer through strong ownership and attention to detail, becoming responsible for planning and executing production deployments.
- Developed core infrastructure NuGet packages to standardize baseline configuration across .NET microservices, significantly reducing misconfigurations and setup effort.
- Architected a secure Power BI integration (KQL per tenant shortcuts and a dedicated connector) enabling customers to work directly with their data in a multi-tenant environment and increasing adoption of the platform.
- Implemented a custom EF Core migrations management tool that enabled independent CI/CD for database schema changes and simplified developers day-to-day workflows.
- Drove major improvements to CI/CD by shaping Helm templates and Azure DevOps pipelines, centralizing configuration in Azure DevOps Library and dynamically generating config/secret maps during deployments to meet security and compliance requirements.

**Technologies:** .NET, ASP.NET Core, Applications Insights, Azure App Service, Azure DevOps, Azure Service Bus, C#, Entity Framework, Git, Helm, KQL, Kubernetes, MS-SQL, Microsoft Fabric, Redis, SignalR, xUnit.

## Exadel | Enterprise Tax Allocation Platform

Distributed backend platform for automated financial allocations and rules-driven calculations. It processes structured datasets, applies configurable business logic, and generates standardized

reporting outputs for enterprise use. The system emphasizes performance, accuracy, and maintainability to support long-term scalability in regulated environments.

#### Senior .NET Backend Engineer

Nov 2024 - Present

- Developed the core data import functionality that became the foundation of the service, meeting strict performance requirements while keeping the system easy to extend.
- Built a reputation as a reliable engineer with a low defect rate and minimal post-development effort on new features.
- Quickly became a go-to person for knowledge and support on the project, despite holding a standard developer role.
- Demonstrated strong ownership and team support, actively participating in key architectural discussions and helping the team resolve complex technical issues.

**Technologies:** .NET, ASP.NET Core, Applications Insights, Azure API Management, Azure Service Bus, C#, Entity Framework, Git, GitHub, Helm, Kubernetes, MS-SQL, Python 3, Redis, xUnit.

### Lightpoint Global | Multi-purpose Software Solutions for Media and Subscription Businesses

Provides media and subscription businesses with flexible software for subscription management, audience analytics, and monetization, including self-service portals and advertising sales workflows. The platform offers pre-built integrations with widely used CRMs, marketing tools, and payment providers (Salesforce, HubSpot, Verifone, Google Ad Manager), along with comprehensive APIs and a plugin/widget architecture that facilitates custom and third-party integrations.

#### Senior .NET Software Engineer

Mar 2024 - Jul 2024

- Spearheaded the generation of backlog items, designed new features, and managed the product roadmap to ensure timely and efficient delivery of high-quality software solutions.
- Architected and implemented the overall product architecture, ensuring scalability, maintainability, and performance optimization.
- Engineered and implemented robust database schemas to support complex business requirements and enhance data integrity.
- Established and maintained CI/CD pipelines to streamline the development process and facilitate continuous integration and deployment.
- Analyzed and interpreted technical specifications to ensure accurate implementation and compliance with client requirements.
- Developed and executed comprehensive unit and integration tests to ensure software reliability, performance, and security.

**Technologies:** .NET Framework, ASP.NET MVC, Azure DevOps, C#, CSS, Entity Framework, Git, HTML, IIS, JavaScript, MS Test, MS-SQL.

### Lightpoint Global | ePayment Solution

Non-card payment platform used by 100+ authorized banks worldwide, allowing consumers to pay in local currencies without exposing personal or financial data. The system integrates with bank APIs, SAP, internal databases, and third-party services to enable fast, secure, and cost-efficient transactions, while automated workflows reduce manual effort and mitigate risks of errors, identity theft, chargebacks, and fraud.

## **Middle .NET Software Engineer**

**Nov 2022 - Feb 2024**

- Played a crucial role in developing a multi-component electronic payment system, with a focus on optimizing transactions for speed, security, and cost-efficiency.
- Instrumental in integrating our APIs with those of various banks and tertiary services, significantly enhancing the system's functionality and efficiency.
- Tasked with managing efficient data processes within the electronic payment system, ensuring streamlined data handling and retrieval.
- Actively participated in conceptualizing and implementing new features, enhancing the overall product architecture.
- Provided consistent support for the project, addressing technical issues and collaborating with the team to maintain system stability and performance.
- Conducted comprehensive unit testing of backend components to validate functionality and identify areas for optimization.

**Technologies:** .NET, .NET Framework, ASP.NET Core, Azure DevOps, C#, CSS, Dapper, HTML, IIS, JMeter, MS-SQL, Moq, PowerShell, Redis, SVN, Sumo Logic, WCF, xUnit.

## **Lightpoint Global | Customer Engagement Platform**

Customizable multi-module engagement platform for leading publishers (e.g., The New York Times, Chicago Tribune, USA Today), covering the full subscription lifecycle from initial acquisition and conversion to retention, churn prevention, and analytics. It enables efficient subscription management, pricing optimization, upgrades, and personalized offers by tracking user behavior, recommending relevant content, and predicting next actions.

The solution includes extensive integrations with billing and payment providers (Vindicia CashBox, PayPal, Apple Pay, Edgil, Matrix, Stripe, Braintree) and Google Analytics, and supports both core product development and client-specific implementation and configuration.

## **Junior .NET Software Engineer**

**Feb 2020 - Oct 2022**

- Successfully drove the implementation of automated feature updates, resulting in a 20% reduction in development time for new functionalities.
- Developed essential modules for the platform, targeting key business operations from user engagement to subscription conversion.
- Actively participated in the development of a comprehensive platform that enhances subscription management, pricing optimization, and revenue generation for publishers.
- Provided consistent technical support for the project, tackling challenges and collaborating with cross-functional teams to ensure system stability and performance.
- Adapted to client feedback and evolving market demands, effectively implementing timely enhancements and updates to the platform.

**Technologies:** .NET, .NET Framework, ASP.NET, ASP.NET Core, Angular, Azure DevOps, C#, Dapper, Entity Framework, Google BigQuery, HTML, IIS, MS-SQL, Node.js, React, Redis, SCSS, SSAS, T4VC, TypeScript, xUnit.

## **Caspel LLC | Rental Accounting System**

The Rental Accounting System is tailored for the management and reporting of workspace rentals. It integrates a suite of tools including a designer for accounting rental space, CRM, cash register, reporting

module, warehouse, and logistics. This system is designed to streamline rental management processes, enhance reporting accuracy, and improve overall operational efficiency.

#### **Junior .NET Full-Stack Developer**

**Aug 2019 - Jan 2020**

- Was instrumental in developing the system, focusing on integrating key features and functionalities essential for workspace rental management.
- Involved in designing and implementing the project's architecture, ensuring a scalable and efficient software development process.
- Developed a comprehensive database structure to facilitate intricate calculations and data management for rental space accounting.
- Collaborated closely with stakeholders to understand their needs and priorities, ensuring these were effectively addressed in the project development.
- Conducted thorough unit testing of backend components, guaranteeing the reliability and performance stability of the software.
- Focused on optimizing the system for rental space management, which led to enhanced operational efficiency and streamlined rental processes.

**Technologies:** .NET Framework, ASP.NET MVC, Azure DevOps, C#, CSS, Git, HTML, MS-SQL, NUnit, SSRS.

### **Caspel LLC | Customer Manufacturing Platform**

This project supports a furniture manufacturing organization, providing assembly services and material supplies to other dealers. Key features include a sophisticated system for calculating material cutting dimensions, managing material usage, work performance, and salary computations. The platform integrates various modules like a material cutting designer, CRM, cash register, reporting module, warehouse, and logistics to meet the comprehensive needs of the organization.

#### **Junior .NET Full-Stack Developer**

**Feb 2019 - Jul 2019**

- Personally developed the material cutting designer, a crucial component of the multifaceted system that includes CRM, cash register, reporting module, warehouse, and logistics.
- Utilized strong analytical skills to solve complex business problems, implementing innovative solutions and strategic development practices.
- Actively engaged in both backend and frontend development, ensuring seamless feature integration across the platform.
- Created robust backend solutions for data processing and storage, while also focusing on an intuitive and user-friendly frontend design.
- Regularly communicated directly with clients, gathering requirements and feedback to continuously refine and improve the platform's functionality.

**Technologies:** .NET Framework, ASP.NET MVC, Azure DevOps, C#, CSS, Entity Framework, Git, HTML, JavaScript, MySQL, NUnit.

## **LANGUAGES**

English: B2 | Polish: A1 | Russian: Native speaker

## LICENSES & CERTIFICATIONS

Microsoft Certified: Azure Developer Associate

Nov 2025 - Nov 2026

Microsoft | Credential ID: D47FFA664405C85C

Microsoft Certified: Azure Fundamentals

Nov 2023 - Present

Microsoft | Credential ID: C4BD0FCD8D69A8C1

Microsoft Certified: Azure AI Fundamentals

Sep 2023 - Present

Microsoft | Credential ID: E2CBCF6AEE7B238E

## EDUCATION

Belarusian National Technical University

Sep 2017 - Aug 2021

Bachelor's degree | Information Technology

## SOFT SKILLS

### Critical Thinking

Serving in the role of a DevOps engineer, I anticipated a significant deployment challenge before it became apparent to the team. Understanding the potential future complexities, I proactively developed a custom extension for Azure DevOps to manage multiple release definitions simultaneously. This initiative was a result of my foresight and passion for the project. By the time the issue was recognized and discussed by senior members and leaders, I already had a ready-made solution to offer.

This solution proved to be so effective and user-friendly that it was subsequently applied to another project. There, it instantly solved a similar issue, significantly reducing the time and effort required for configuring release definitions and minimizing the human factor.

### Reliability

Starting with reliable development can save substantial resources in the long run. It's a known fact that writing completely bug-free code is not possible, but aiming for the highest quality is crucial. Ensuring a strong first impression is vital, as it sets the tone for future interactions and perceptions.

Even in junior roles, our responsibility extends beyond ourselves to our team, the entire project, and the client. Remember, you never get a second chance to make a first impression. Transparency about existing problems is essential. Over-reliance on oneself can be limiting. Teamwork often proves to be a lifeline, especially during tough times. This collaborative approach can not only preserve but potentially enhance the client's impression through timely and effective problem resolution.

### Perseverance

On a challenging project I was part of, we encountered a significant problem with data stream loss. This was especially critical as the project relied heavily on data analysis, handling vast volumes of data. We undertook a multifaceted approach to diagnose the issue, gathering log statistics, analyzing time-

specific charts, and conducting an in-depth investigation of the code. Despite these efforts, the solution remained elusive.

Realizing the complexity of the situation, we decided to create two detailed diagrams: one representing the algorithm's functioning as per the existing code, and the other depicting how it was intended to operate. The enormity of the project made this task particularly daunting. However, guided by the belief that persistence leads to success, we pressed on.

Our determination eventually bore fruit. Through teamwork and a steadfast belief in our capabilities, we overcame the challenges and successfully rectified the problem. This experience underscored the importance of never losing hope and the power of perseverance in overcoming even the most challenging obstacles.