



DMITRY K.

Lead Software Engineer (.NET)

Roles:

20+
years of
backend
development

7+
years as
tech/team lead

5+
years as
tech architect

Speaks: English, Russian



TECH SKILLS

Technologies

- ADO.NET
- MVC
- ASP.Net
- ActiveX
- C#
- COM (including DCOM, COM+)
- Entity Framework

- LINQ
- MFC
- Microsoft SQL Server
- T-SQL
- Team Foundation Version Control
- WinAPI
- WinForms

Microsoft Azure Services

- App Services
- Service Bus
- Azure Storage
- Key Vaults
- Azure SQL
- Azure CosmosDb
- Azure Functions

- Azure Active Directory (B2B, B2C)
- Health monitoring
- Service Bus
- Storage Queue
- Virtual Machine
- Application Insights
- Gateway and load balancer

TECH SKILLS

Databases

SQL Server, Oracle 11g, MySQL, PostgreSQL, MariaDB, MongoDB, CouchDb

Tools and Platforms

VS Code, MS Visual Studio, Resharper, WinDbg, Profiler

Software Configuration
Management

Subversion, TortoiseSVN, Bitbucket, Git, Azure DevOps

Software Construction

MySQL, SQL, XML/XSL/XSLT

Software Engineering
Management

JIRA, Microsoft TFS, GIT, VSTS, Azure DevOps

RECENT 10Y OF EXPERIENCE

Project: E-commerce system management

Domain: E-commerce

Role: Software Engineer

Team size: 7 developers, 3 QA engineers

Project summary: Parfumdreams is “Authorised Online Retailer” seal from the Association of Retailers of Cosmetic Products. This seal confirms that parfumdreams is defect-free on a contractual basis and sells guaranteed original products.



Tasks performed:

- Implement robust and secure integration with various payment systems to facilitate seamless financial transactions.
- Configure and manage security services on Linux servers to protect against unauthorized access and vulnerabilities. Implement firewalls, intrusion detection systems, and regular security audits to maintain a secure environment.
- Transition existing background jobs to Hangfire to improve reliability and scalability.
- Design and deploy a robust infrastructure using Azure services to support our application's scalability and performance needs.

Environment: Sql Server, Solr, Microsoft Visual Studio 2019, .NET Core, NHibernate, Swagger, Azure DevOPS, HangFire.

RECENT 10Y OF EXPERIENCE

Project: Lula

Domain: FinTech

Role: Lead Software Engineer, Tech and Team Lead, Tech Architect

Team size: 10 developers, 2 QA engineers

Project summary: Flexible funding that gives fast, easy access to working capital and better control of a business's finances. Lula also provides a seamless digital experience, allowing businesses to manage their cash flow more effectively.



Tasks performed:

- Develop architecture based on layered architecture pattern using .NET Core.
- Plan and structure the database in SQL Server and PostgreSQL.
- Develop and deploy a scalable and resilient infrastructure using Azure services.
- Implement a continuous delivery pipeline with Azure DevOps to automate deployments and streamline the delivery process for quick and reliable updates.
- Support of enterprise environment (including “health monitoring”, request processing and tracking, application support and change management).
- As a tech lead, perform thorough code reviews, provide technical consultation and validation to ensure that solutions are feasible and aligned with best practices.

Environment: Sql Server, PostgreSQL, Microsoft Visual Studio 2017, .NET Core, Redis Cache, Refit, Entity Framework, Swagger, Azure AD.

RECENT 10Y OF EXPERIENCE

Project: Cayman

Domain: LegalTech

Role: Senior Software Engineer

Team size: 4 developers, 2 QA engineers

Project summary: eDiscovery system, help lawyers to process big volumes of data during legal hold stage. During this phase attorneys have time to examine materials related to the matter unless the matter is not a case. Manually it takes a lot of resources, and tens of millions of dollars.



Tasks performed:

- Implement user interfaces with ASP.NET MVC, JavaScript, JQuery, and Angular 1.6.
- Apply best practices and principles such as SOLID in C# and JavaScript.
- Implement NHibernate for ORM to ensure efficient data access and manipulation.
- Analyze and optimize application performance, focusing on both server-side (ASP.NET MVC) and client-side (JavaScript).
- Implement caching strategies, optimize PL/SQL queries, and improve database access using Oracle 11g.

Environment: Microsoft Visual Studio 2015, ASP.NET MVC, PL/SQL, NHibernate, ElasticSearch, Oracle 11g.

RECENT 10Y OF EXPERIENCE

Project: ISAM

Domain: Governance, Risk Management, HealthTech

Role: Senior Software Engineer

Team size: 3 developers, 1 project managers, 2 QA engineers

Project summary: WKL-CTDC, (ISAM) leverages the ComplyTrack™ platform from Wolters Kluwer Law & Business, the leader in enterprise compliance and risk management solutions for the healthcare industry. ISAM integrates the HITRUST Common Security Framework (CSF) with the industry's leading risk assessment workflow software to go far beyond simple risk analysis, combining control-based assessments, multi-stage remediation, robust monitoring and intelligent analytics in one tool.



Tasks performed:

- Developing and maintaining the server-side application, including creating and optimizing business logic using ASP.NET MVC and Entity Framework.
- Integrating with databases by writing and optimizing T/SQL queries for MS SQL Server 2008.
- Developing and supporting RESTful APIs for interaction with the frontend and third-party services.

Environment: Microsoft Visual Studio 2013, ASP.NET MVC, T/SQL, Entity Framework 6.0, MS SQL Server 2008.

EDUCATION

BSU - 2007

Bachelor of Applied Mathematics and Computer Science

With a solid background in .NET development and over 10 years of experience, I specialize in crafting scalable and efficient applications using ADO.NET, MVC, and ASP.NET. My expertise includes C#, Entity Framework, and LINQ, allowing me to deliver high-performing solutions across various domains such as finance, healthcare, and e-commerce.

In my career, I've taken on roles from core developer to technical and team lead, focusing on delivering quality results and effective project management. My commitment to Agile practices ensures that I adapt to evolving project requirements and stay at the forefront of industry advancements, driving the creation of innovative and impactful software solutions.

