

## PROFILE

I'm a patient, responsible, purposeful and committed engineer, who has the desire to continue evolving and discovering new technologies. Productive in team-based as well as self-managed projects. Dedicated to maintaining up-to-date industry knowledge and IT skills.

Throughout my career, I have worked with many (both frontend and backend) technologies and always open to explore more! I have worked with: web (ASP.NET MVC, WCF, Angular, React), databases (SQL, Cosmos DB), desktop (WPF, WinForms, Electron), mobile (WinPhone, Android, iPhone) and cloud computing (Azure Cloud).

## SUMMARY OF QUALIFICATIONS

- Software Development Engineer with 10+ years of experience in enterprise applications development.
- Developed software applications utilized by: BBC, IBM, American Express, Lenovo, Kaspersky Lab, Avis, Alaska Airlines, Clarks, Lacoste, EPSON, HSBC, Lufthansa, etc.
- Proficiency in software design, development and testing, creating complex software systems with multi-layer architecture.
- Solid knowledge of C#/.NET, JavaScript, TypeScript, ASP.NET MVC, SQL, NHibernate and various other .NET frameworks and development tools: Entity Framework, NUnit, Visual Studio etc.
- Experience with relational databases, SQL and ORM solutions.
- Deep understanding of Object-Oriented design principles and patterns.
- Knowledge of Agile development methodologies.
- Experience in customer support and problem solving.

## TECHNICAL SKILLS

<b>Languages:</b>	C#, C++, Swift, JavaScript, TypeScript, PowerShell, SQL, HTML, CSS.
<b>Frameworks and APIs:</b>	ASP.NET MVC, NHibernate, Entity Framework, Angular, React, NUnit, Mocka, Bootstrap, MVVM Light, Lucene.NET, Ninject, NSubstitute, Jasmin, NPM, Gulp, Swagger
<b>Cloud Services:</b>	Microsoft Azure.
<b>OS:</b>	Windows, macOS.
<b>Databases:</b>	MS SQL, MySQL, PostgreSQL, CosmosDB
<b>Development Tools:</b>	Visual Studio, VS Code, Xcode, Android Studio, Postman, Git.

## PROFESSIONAL EXPERIENCE

**June 2017 – present**  
**Senior Software Development Engineer**

**Microsoft**

**Redmond, WA, USA**

### Projects:

Cloud Development Environments – an VS Code extension to provide a cloud-based development environments for engineers in Azure to speed up their development lifecycle.

- VS Code extension development using React and TypeScript.
- Security work to close known vulnerabilities.
- Refactored of existing code.
- Developed new features.
- Performed testing and bug fixing.
- Customer support.

**Environment:** *React, TypeScript, VS Code, C#, .NET, ASP.NET API, Cosmos DB*

Artifacts replication service – Azure service and client for storing and geo-replicating build artifacts to other storage accounts across azure data centers.

- Architecture design.
- Complete implementation, deployment and testing.
- Customer support.

**Environment:** *C#, .NET, ASP.NET API, Azure Storage, ADO*

WARM – Microsoft Azure Release Management.

- Architectural optimization.
- Refactored of existing code.
- Developed new features.
- Performed testing and bug fixing.
- Customer support.

**Environment:** *C#/.NET, WF, AngularJS, Azure Storage, MSSQL, PowerShell, Git.*

**December 2016 – June 2017**  
**Software Development Engineer (Microsoft Contractor)**

**Akvelon USA**

**Redmond, WA, USA**

### Projects:

VSO Drop – Microsoft Azure component for transferring builds from VSTS to Cloud Vault.

- Architectural optimization.
- Refactored of existing code.
- Developed highly scalable micro-services based on Service Fabric.
- Developed new features.
- Performed testing and bug fixing.
- Customer support.

**Environment:** *C#/.NET, Service Fabric, WCF, Micro Services, MSSQL, Jenkins, PowerShell, Groovy, Git.*

**January 2016 – December 2016.**                      **Akvelon Ukraine**  
**Software Development Engineer (Microsoft Contractor)**

**Kharkov, Ukraine**

**Projects:**

Cloud Vault – Internal build storage/delivery system for Microsoft Azure.

- Maintained business logic.
- Configured Jenkins environment.
- Developed of task execution engine.
- Found and resolved problems.

**Environment:** C#/.NET, Web Forms, WCF, Entity Framework, MSSQL, Jenkins, PowerShell, Groovy, Git.

**October 2012 – December 2015.**  
**Junior/Middle Software Engineer**

**Maxymiser**

**Dnipropetrovsk, Ukraine**

**Projects:**

Maxymiser Platform – cloud-based software that enables marketers to test, target and personalize what a customer sees on a Web page or mobile app, substantially increasing engagement and revenue.

- Built data export functionality of user activity in AB/MVT testing.
- Developed web proxy server (ability to show in desktop browser mobile version of site).
- Worked with internal javascript modular framework.
- Created web pages (mathematic reports etc.) using Kendo UI controls.
- Implemented business futures.
- Developed high-loaded WCF based web service with failover functionality for storing and getting content (images, scripts etc.).
- Created console applications for data processing.
- Improved and developed business features using modern approaches and mechanisms (MVC, DI, ORM, TDD etc.).
- Maintained business logic of web application, creating server side and client side code for admin portal. Worked with MSSQL database.

**Environment:** C#, .NET, ASP.NET MVC, NHibernate, MS SQL, JavaScript, AngularJS, Protractor.

**October 2011 – October 2012.**  
**Junior Software Engineer**

**Iveonik Systems**

**Kamianske, Ukraine**

**Projects:**

Kauf Tipp.ch – Price comparison web-portal for Switzerland and Germany.

- Implemented new features in web portal.
- Refactored existing functionality.
- Performed testing and bug fixing.
- Maintained and improved full-text search mechanism based on Lucene.NET.
- Developed some internal tools written in WPF.
- Implemented business features both in front-end and in back-end sides using stack of Microsoft technologies.
- Wrote database queries (MySQL, PostgreSQL).

**Environment:** C#, C++, .NET, ASP.NET MVC, WPF, Lucene .NET, NHibernate, MySQL, PostgreSQL.

## EDUCATION

**Master of Science in Applied Mathematics**, Dneprodzerzhinsk State Technical University, Kamianske, Ukraine (2012)

**Bachelor of Science in Applied Mathematics**, Dneprodzerzhinsk State Technical University, Kamianske, Ukraine (2011)