Alex Titarenko

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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.

Focusing mainly on .NET technology stack, I feel comfortable with both backend and frontend development using a variety of technologies from web (ASP.NET MVC, WCF, Javascript, AngularJS) to desktop (WPF, WinForms), mobile (Windows 8/WinPhone) and cloud computing (Azure Cloud).

In leisure time I develop personal projects and push code on GitHub.

SUMMARY OF QUALIFICATIONS

- Software Development Engineer with 10+ years of experience in C# / .NET 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, 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

Languages:	C#, C++, JavaScript, TypeScript, PowerShell, SQL, HTML, CSS, LESS, XML.
Frameworks and APIs:	ASP.NET MVC, NHibernate, Entity Framework, Angular, React, NUnit, Mocka, Bootstrap, MVVM Light, Lucene.NET, Ninject, NSubstitute, Fluent Assertion, Kendo UI, Jasmin, NPM, Protractor, Gulp, Swagger
Cloud Services:	Microsoft Azure.
OS:	Windows, MacOS.
Databases:	MS SQL, MySQL, PostgreSQL.
Development Tools:	Visual Studio, Atom, WebStorm, Jenkins, Jira, TFS, VSTS, Git, SVN.

PROFESSIONAL EXPERIENCE

June 2017 – present	Microsoft	Redmond, WA, USA

Software Development Engineer

<u>Projects</u>:

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	Akvelon USA	Redmond, WA, USA

Software Development Engineer (Microsoft Contractor)

<u>Projects</u>:

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	Kharkov, Ukraine

Software Development Engineer (Microsoft Contractor)

<u>Projects</u>:

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.   **Maxymiser**   **Dnipropetrovsk, Ukraine**
Junior/Middle Software Engineer

<u>**Projects**</u>:
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.   **Iveonik Systems**   **Dniprodzerzhynsk, Ukraine**
Junior Software Engineer

<u>**Projects**</u>:
Kauftipp.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, Dneprodzerzhinsk, Ukraine (2012)

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