Alexander Velichkin

Voronezh, Russia • +7 (915) 582-9542

alex.velichkin.dev@gmail.com • https://alex.velichkin.dev

.Net developer offering **8+** years of experience in leading small teams designing web, desktop, and mobile applications with a passion for .Net Core, Angular and DevOps. Known as an expert at delivering reliable and innovative strategies and solutions that enhance the performance of existing applications and drive business growth. Talented communicator adept at collaborating with other stakeholders to ensure architecture is aligned with business requirements.

TECHNICAL PROFICIENCIES

C#, ASP.NET, JavaScript, CSS, .NET Core, Azure DevOps, RabbitMQ, MS SQL Server, PostgreSQL, GIT, TFS, WPF, Xamarin.Forms

PROFESSIONAL EXPERIENCE

C# .Net Software Engineer (2017 – Present)   Toptal clients

Develop, document, test, and debug new and existing software systems and applications for Toptal clients. Design major aspects of application architecture including components such as interface, middleware, and infrastructure. Extend technical leadership to application development team ensuring uniformity of enterprise-wide application design standards.

Senior C# .Net Developer (April 2018 – Present)   Debate.org (via Toptal)

Technical Scope: C#, ASP.Net Web Forms, DevExpress, Entity Framework 6, MS SQL Server, Classic ASP, jQuery, RabbitMQ, Git, Azure DevOps

Key Achievements:

- Eliminated spam by creating Regex-based, back-end service that communicates with web application via RabbitMQ and automatically filters user content.
- Integrated 3rd-party services Google ReCaptcha, Analytics, Adsense and Taboola Ads, Pingdom, and SendGrid with web application resulting in increased revenue, performance, and accessibility.
- Increased web application load speeds 40% that is running Classic ASP, ASP.NET WebForms, DevExpress, jQuery, and MS SQL.
- Developed tools for admins to create web pages using DevExpress HTML editor without involving programmer.
- Expanded and scaled development capabilities by introducing new CI/CD process using Azure DevOps and set up new development and testing environments for existing web applications using AWS.
- Minimized downtime maintaining web applications and background services on AWS EC2 (Windows Servers) and RDS (MS SQL Server) machines.

Senior WPF Developer (August 2017 – October 2017)   Donation Kiosk (via Toptal)

Technical Scope: C#, WPF, XAML, JSON, GIT

Key Achievements:

- Produced WPF application for touchscreens customizing controls such as Buttons, Labels and ListViews.
- Saved countless hours adding auto-updating functionalities to desktop WPF application using PHP back-end via JSON.

Senior C# .Net and Xamarin.Forms Developer (May 2016 – May 2018)   Atos IT Solutions & Services, LLC

Technical Scope: C#, ASP.Net Web Forms, ADO.NET, MS SQL Server 2012, DevExpress, ComponentPro, EVO PDF Toolkit, Xamarin.Forms, Prism, MVVM, GIT, TFS

Key Achievements:

- Developed web application using ASP.NET Web Forms and DevExpress components automating workflows for global real estate company. App tracked CapEx and OpEx movement and generated PDF and XLS reports.

- Streamlined operations building modules for Excel reporting using ComponentPro, developing Windows service to perform background long-processing operations, and creating Xamarin.Forms applying UI components.

- Optimized data sharing designing multi-platform library used by both Xamarin.Forms and ASP.NET MVC projects to synchronize, serialize, encrypt, and validate data sent between Android smartphones and server.

- Developed auto-synchronizing library using MS SQL Server and local MySQL databases enabling end users to work offline and synchronize data with server-side database at later intervals.

- Improved XLS and PDF reporting performance by reducing their generation time up to 50%

- Designed and created a VBA MS Access application that is used by several users simultaneously with reports and Authentication.

Senior C# .Net Developer (February 2016 – March 2017)   MotionGlass (Startup Venture)

Technical Scope: C#, .Net, ASP.Net MVC, WPF, WCF, Kinect 2, Intel RealSense, SQL Server, Entity Framework 6, GIT

Key Achievements:

- Demonstrated strong programming skills building desktop WPF application using Intel RealSense camera and web-based admin panel using ASP.NET MVC and MS SQL Server.

- Created WCF Service for interaction between WPF application and web-based admin panel for remote access.

Load Testing Engineer (February 2016 – May 2016)   Home Credit & Finance Bank, LLC

Technical Scope: JMeter, Python 3, Oracle, Git

Key Achievements:

- Minimized performance lacks creating test plans for load-testing using JMeter and scripts with Python 3 for log file analysis.

- Prepared sample data for test plans using the Oracle database.

ActionScript 3 and C# .Net Developer (August 2012 – February 2016)   BI-Leasing, LLC

Technical Scope: C#, .Net, WPF, Web API, LINQ, AngularJS, FastReport .Net, Entity Framework 6, MS SQL Server, PostgreSQL, ActionScript 3, GIT, SVN, Visual Studio, Kinect 2

Key Achievements:

- Streamlined operations, architecting internal application to automate processes with role-based access using PostgreSQL, ASP.Net Web API, AngularJS, and FastReport .Net.

- Developed an advertisement application using Kinect 2, WPF, and ASP.NET MVC boosting visibility.

- Built an internet kiosk application with WPF permitting on-line banking for existing customers.

- Created a cartographic application using the OpenStreetMap API and ActionScript 3.0 for Windows, Android, and iOS platforms.

- Accelerated knowledge sharing developing a library of ActionScript 3 UI components were used by multiple teams across different projects.

EDUCATION AND TRAINING

Master of Science (MS) – Information Systems & Technologies
Voronezh State Technical University

Bachelor of Science (BS) – Information Systems & Technologies
Voronezh State Technical University

Professional Development / Technical Certifications
Microsoft Certified Solutions Associate (MCSA), *Microsoft, 2020*
Becoming an ASP.NET Core Developer, *LinkedIn Learning, 2020*

Languages
Russian | English