ALEX SHAPOVALOV

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SENIOR .NET SOFTWARE DEVELOPER

Microsoft Certified Professional .NET Developer with a passion for software development especially with agile practices such as Test Driven Development, with an in **depth knowledge** of OOP and GoF Design Patterns.

Over 8 years of software development experience spanning ASP.NET 1.1 to ASP.NET 4.5.1 in C# including high transactional enterprise e-commerce applications, with team leadership and mentoring experience. Expert in full System Development Life Cycle (**SDLC**).

Has the ability to understand and transform complex business requirements into software, ensuring applications are delivered on time, to specification, are scalable, performance optimized and maintainable. Experience of **non-Microsoft .NET technologies** including Teamcity, JQuery, AngularJS, Git, NUnit, Moq, NHibernate and Oracle.

A highly motivated individual who is always learning, **able to work to tight deadlines**, and who can communicate effectively with technical peers as well as business users. Someone who encourages learning and the sharing of ideas and is always open to new ways of working.

Key Skills

Core Programming Languages:
C#, SQL, JavaScript, HTML, CSS, XML, VB.NET, PowerShell, JSON, UML, MSBuild, SASS, LESS

Databases:
MS SQL Server (2000-2014), Azure SQL, ORACLE (10, 11), My SQL

Technologies and Frameworks:
.NET Framework (1.1-4.5.1), Microsoft Azure, ASP.NET, MVC, WCF, ADO.NET, AJAX, jQuery, AngularJS, Knockout, Silverlight, Crystal Reports, SSIS, SSRS, WPF, IIS 6-8.5, NUnit, LINQ, Web services

Development Methodologies:
Agile development, Scrum, Kanban, Test Driven Development, Waterfall

Certificates

- MCPD (Microsoft Certified Professional Developer) - Web Applications
- MCTS (Microsoft Certified Technology Specialist) - Web Applications

Professional Experience

METHOD CRM   June 2014 – March 2015

Senior .NET developer in a small startup, developing SaaS (software as a service) CRM system for QuickBooks. Mostly responsible for backend development of new features using C#, ASP.NET MVC and Web API.
- Improved application performance by creating caching mechanism and fixing performance defects. In most cases performance improved 10+ times.
- Designed and developed API for pricing and Method's Marketplace
- Developed new permissions system;
- Implemented Sass to Css compilation on build server (Teamcity)
- Developed new build system using TeamCity, Web Deploy and MSBuild, which 100% automated code deployment and helped to improve quality of build, deployed to production.
- Introduced unit testing into company using NUnit framework and Moq

Key Technologies: .NET 4.5, C#, Web API, MVC, ADO.NET, LINQ, Dapper, Peta Poco

BELL CANADA   February 2014 – April 2014

Senior .NET web developer in Bell.ca project. The projects goal was to deliver mobile friendly version of website.
- Implemented interception page which redirects to mobile friendly content
- Developed a number of mobile friendly pages under "Home Phone" section according to requirements

Key Technologies: .NET 4.5, C#, XML, HTML, CSS, ASP .NET MVC, JavaScript, IIS 8

ARCHITECH   July 2013 – November 2013

Senior .NET developer in WindMobile project. The projects goal is deliver new **public-facing website** www.windmobile.ca using Sitefinity content management system. Mostly was responsible for backend development and integration with existing websites.
- Implemented continuous integration delivery using **Teamcity** and **MSBuild**
- Provided integration of Sitefinity CMS with **Active Directory**
- Created product catalog and integrated it with Microsoft ecommerce platform

Key Technologies: .NET 4.5, WCF, MS SQL 2012, C#, Sitefinity, XML, HTML, CSS, ASP .NET MVC, WEB API, JavaScript, AngularJS, IIS 8, Agile, MSBuild

MARKETWIRE   February 2011 – July 2013

Senior .NET developer in Global press release Distribution Management System. The Global Distribution System is a **multi-server**, **multi-process**, highly SOA (service oriented architecture), and **highly parallel** system that forms that backbone of Marketwire's business by constructing and delivering press releases to Marketwire's entire distribution network simultaneously with millisecond precision. Backend development based on **SOA (service-oriented architecture)** using WCF services. Agile development process was used with two weeks iterations and managed in Rally.
- Implemented press release distribution to Fax, Facebook, Twitter, various text/xml file formats, such as: NITF, NewML, XML...
- Was responsible for media distribution (JPG files and modification of IPTC metadata),
- Developed component to distribute Fax press release using 3rd part web services EasyLink,
- Worked with Facebook Graph API, Facebook C# SDK to distribute press releases in Facebook client's fan pages
- Was responsible to creating a new **automatic build system using MSBuild and TFS**
- Implemented distribution to FTPS protocol (FTP with SSL certificate)
- Migrating old applications to new SOA platform, reverse engineering for old applications
- Developed a number of prototypes for distribution system
- Designed and implemented a number of support tools using ASP.NET MVC, WEB API, JavaScript
- Troubleshooting network issues related to WCF services using Wireshark

Key Technologies: .NET 3.5 – 4.5, WCF, WPF, MS SQL 2008, C#, XML, HTML, , ASP .NET MVC, WEB API, JavaScript, Knockout, AngularJS, SQL, Web Services, IIS 7.5, TFS, Rally, Agile, MSBuild, Wireshark

TD BANK FINANCIAL GROUP   August 2010 – February 2011

As a senior .NET Developer I was working on new version of **Mortgage application for TD Bank**. There were 5+ web applications written in ASP.NET. I was responsible for both frontend and backend solutions. My main responsibilities were:
- Worked on mission-critical parts including **ETL process** using SQL Server Integration Services (SSIS)
- Upgraded web UI for application to standard corporate TD styles
- Developed new tool to provide mortgage rate offers and history to users
- Upgraded application to .NET 4.0 framework from .net 1.1-3.5
- Integrated data exchange with credit link system

- Translated business requirements into machine code (C#, SQL)

Key Technologies: .NET 1.1 – 4.0, ASP.NET, C#, JavaScript, HTML, CSS, SQL, XML, Web Services, IIS, SSIS, Crystal reports

UBS   February 2008 - May 2010

I was employed as a <u>senior .NET Developer</u> in IT Security department. Lead a team of two developers to plan, execute and maintain a risk management system used within UBS' business process. I was responsible for mission-critical parts of applications, including: **application architecture**, integration with external system, performance and security. The list of my responsibilities below:
- Performed code review, worked close to team member to ensure consistence to code standards.
- Optimized application performance by 40%.
- Developed reports using Crystal Reports and MS SQL reporting.
- Worked close to business people to review requirements
- Implemented application business logic in C# with MVP design pattern to increase unit tests support.
- Integrated application with 6+ external systems using a combination of web services and APIs. In addition the application featured a full text search engine (using Oracle Full-Text search) and scheduling abilities using Windows Services
- Implemented TeamCity for build management and continuous integration, which reduce number of bugs and reduce the time provide build to the customer.

Key Technologies: .NET 2.0 / 3.5, ASP.NET, C#, MVC, MVP, JavaScript, JSON, HTML, CSS, SQL, XML, WCF, LINQ, Web Services, IIS, Dundas Charts, Microsoft Enterprise Library, Agile, XP, TDD, Visio

SIEMENS   January 2006 - August 2007

As Senior <u>Software engineer</u> my role was to build, deploy, run and support SAP CRM Mobile Client application. I was involved in full system lifecycle of new version of CRM system for Siemens. My main responsibilities included:
- Application design, development and installation in Siemens' and their clients mobile infrastructure
- Integration with the mySAP architecture and implementation of business processes on their SAP CRM
- Application design and development using several related and supporting processes including full integration with their billing systems

Key Technologies: MSSQL Server, VB.NET, .NET 1.1 / 2.0, Windows forms, SOAP based XML Webservices and mySAP implementations, XI

IDEX   September 2004 - April 2005

<u>Software Developer in gaming industry</u> I was involved in developing 2D computer game using DirectX and OpenGL platforms.

Key Technologies: C++, DirectX, OpenGL, OpenAL, DirectSound, Win32 API, MFC

Education

VORONEZH STATE TECHNICAL UNIVERSITY – VORONEZH, RUSSIA

Master's Degree in Computer Science, 2005

5.5-year curriculum focusing on application development, networks, algorithms, software architecture design, multimedia, technical planning and problem solving using case studies