

Dmitry Pavlov

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<https://about.me/Dmitry.Pavlov>

I am doing my best in .NET freelancing worldwide. I have been working with .NET for more than 15 years. I apply SDLC, -ilities, OOAD, SOLID and other engineering kung fu... But always try to use KISS principle.

My primary skills are: ASP.NET Core, .NET Core, .NET Standard, C#, .NET Framework, Entity Framework, DI, JavaScript, API, Web Services, REST/JSON, HTML/CSS, Bootstrap, SQL, Full-Stack Development, Software Architecture.

Top 1% on Stack Overflow. Top 3% of Freelance Developers. Microsoft MVP Awardee (7 times). Master Degree in Computer Science.

I work as a remote contractor (sole proprietor) and can make contracts worldwide, as well as process international bank payments.

Email: me@dmitry-pavlov.com Skype: pavlovdmitry

Technical Skills

Likes: c# .net asp.net-mvc jquery html css xml json asp.net-web-api javascript asp.net-core asp.net-core-webapi .net-core asp.net-core-2.0 asp.net-web-api2 net-core asp.net-core-mvc
Dislikes: office-working

Experience

Freelance ASP.NET MVC / C# / .NET / JavaScript Developer – Toptal Jul 2012 → Current
asp.net, asp.net-mvc, c#, .net, javascript, knockout.js, kendo-ui, jquery, sql, asp.net-web-api, json, asp.net-core, asp.net-core-mvc, asp.net-core-2.0, asp.net-core-webapi, asp.net-core-1.0, asp.net-core-2.1

I am doing my best on .NET projects. On other words, I work as a remote ASP.NET Core / .NET / C# / JavaScript developer for different clients.

I work for Toptal clients, you could hire me via Toptal if you would like. See my profile <https://www.toptal.com/resume/dmitry-pavlov>

Toptal - is a global network (with US based headquarter) of top 3% freelance software developers and designers.

Remote C# / .NET / ASP.NET Developer – 2can Nov 2012 → May 2013
asp.net-mvc, jquery, c#, fluent-nhibernate, s#arp-architecture, tsq, credit-card, payment-processing, payment-gateway

I deal with the software development for Russian mobile card acquiring service - 2can. Russian Square clone 2can is an innovative service to accept payments through bank cards using your smartphone or tablet as a secure mobile device to receive card payments at any time and place. Mobile terminal 2can is a special application and a card reader that enable your smartphone to accept payment cards Visa and MasterCard. 2can service is focused primarily on online shops, taxis, insurance agents and entrepreneurs who can not use conventional POS-terminals for financial or organizational reasons.

Freelance C# Developer – Aspose Nov 2011 → Jun 2012
c#, asp.net-mvc, wcf, json, html, css, nunit, aspose, openxml, knockout.js, jquery

Remote (home-based) position. Groupdocs.com (part of Aspose group of companies). I developed GroupDocs Comparison application from scratch - one of the Groupdocs applications.

Senior .NET Developer, Tech Lead, PM – Exigen Services Mar 2008 → Nov 2011
.net, vb.net, wcf, asp.net, unit-testing, sql-server, oracle, xml, html, css, winforms, visual-studio, data-warehouse

September 2011 – November 2011 TO project for Total Objects (Insurance Broking and Reinsurance Software Systems). Knowledge Domain: Insurance. Technologies: .NET (VB.NET, WinForms), MS SQL Server. Project process: Agile (SCRUM). Role: Tech Lead.

November 2010 – September 2011 Mercer MidMarket project for Mercer (a global leader in human resource consulting, outsourcing and investment services). Project industry: Health & Benefits, HR Solutions. Technologies: .NET development (C#, ASP.NET, WCF, Windows Services), Oracle, MS SQL Server, DataFlux data management system. SCRUM software development process. Role: Tech Lead.

March 2008 - November 2010 TMNL project for T-Mobile Netherlands (one of the largest mobile telephone operator in the country). I started as a Senior .NET Developer for the set of TMNL projects (C#, WinForms, ASP.NET, WCF, XML/XSLT, Oracle). And finished this project as a Team Lead / Project Manager of the team. The Waterfall software development process was applied.

Software .NET Developer – SharpStyle Labs Jul 2006 → Feb 2008
c#, asp.net, vsx, visual-studio, visual-studio-sdk, visual-studio-extensions, obfuscation, installer, wcf, turbine-video-sdk, sql

I developed the SharpStyle Neutron (an ActionScript 2.0 language integration for Visual Studio 2005). Also participated in ReviewBasics project (a collaboration system for marketing research). Technologies: C#, ASP.NET 2.0, VSX (MPF), Obfuscation, Installers, WCF, Turbine Video Conversion SDK, MS SQL Server 2005.

Scientific Researcher, PhD Course – Saint Petersburg State University Sep 2005 → Jul 2006
c#, .net, asp.net, xml, scientific-computing

Developing the software system for PhD Paper (Structural Geology) "Automation of Cross Section Building through the Thrust Systems Foreland". Technologies: C#, .NET, WinForms, GDI+, math. Also had 4 months contract to develop the software for visualizing well drilling geological data. Technologies: .NET, WinForms, ASP.NET, XML, LAS files.

Team Lead – BridgeQuest Feb 2005 → Sep 2005
asp.net, c#, .net, xml, xslt, xpath, asp-classic, hta, vbscript, html, css, web-services, nunit, sql-server, visual-sourcesafe, perforce, visua

Web Development. Customization Team. Technologies ASP.NET, C#, XML/XSLT/XPath, ASP, HTA, VBScript, JavaScript, HTML, CSS, Web Services, NUnit Framework, NAnt, MS SQL Server, SourceSafe, Perforce, Visual Studio .NET/2005

Software .NET Developer – StarSoft Development Labs Apr 2004 → Jan 2005
extreme-programming, c#, asp.net, sql-server, reporting-services, strongly-typed-dataset, nunit, nant, cruisecontrol.net, javascript, xml, xslt, xpath, html, css

eXP (eXtreme Programming) team. Agile Methodology. Technologies: C#, ASP.NET, SQL Server, MS Reporting Server, Typed Datasets, NUnit Framework, NAnt, CruiseControl.NET, JavaScript, XML/XSLT/XPath, HTML, CSS

Software .NET Developer – STEP Technologies Nov 2003 → Mar 2004
c#, .net, winforms, infragistics, xceed, sql-server, ms-access, nunit

A client-server system for automated translation documents handling. System includes WinForms and Web parts interconnected to each other. Technologies: C#, Win Forms (.NET), Infragistic Control Library 'NetAdvantageTM 2003', XceedComponents, SQL Server, MS Access, NUnit Framework

Geological Engineer, Software Developer – Lengiprotrans OJSC Feb 2000 → Jun 2001
scientific-computing, excel-vba, vb6, ms-access

Automation geotechnical calculations (statistics, diagrams of load, etc.) using MS Excel spreadsheets. Technologies: Visual Basic 6.0, VBA (MS Excel) macros, MS Access.

Education

Postgraduate Course – Saint Petersburg State University 2004 → 2007
scientific-computing, 2d, modeling, c#, visual-studio

Completed Postgraduate Course. Prepared PhD thesis: "Automation of Cross Section Building through the Thrust Systems Foreland"

Master's – Saint Petersburg Polytechnic University 2001 → 2004
computer-science, programming-languages, network-protocols

Obtained MS degree in Computer Systems and Networks. Also completed CISCO CCNA Course.

Master's (with distinction) – Saint Petersburg State University 2001 → 2003
scientific-computing

Diploma with distinction

Bachelor – Saint Petersburg State University 1997 → 2001
scientific-computing

Certifications

Ethereum Developer Masterclass: Build Real World Projects – Feb 2018 → Current
<https://www.udemy.com/certificate/UC-38PXRPMU/>
blockchain, ethereum, smartcontracts, remix, truffle, web3js, solidity

Blockchain and Bitcoin Fundamentals – <https://www.udemy.com/certificate/UC-JB6C75IO/> Jan 2018 → Current
blockchain, bitcoin

Microsoft MVP Reconnect – <https://mvp.microsoft.com/en-us/PublicProfile/4020708> 2016 → Current
c#, visual-studio

React.js: learning path on Pluralsight – <https://app.pluralsight.com/profile/dmitry-pavlov> Apr 2017 → Apr 2017
reactjs, redux, react-redux, flux, reactjs-flux, ecmascript-6, javascript

Microsoft MVP (Most Valuable Professional, Visual C#) – <https://mvp.microsoft.com/en-us/PublicProfile/4020708> 2014 → 2015
c#, .net, visual-studio

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c#, visual-studio, .net

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c#, visual-studio, .net

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c#, visual-studio, .net

Projects & Interests

Stack Overflow – <https://stackoverflow.com/users/804385/dmitry-pavlov> Jun 2011 → Current
Written 220 answers. Active in c#, json, .net, asp.net-mvc, asp.net-web-api and 5 other tags.

MPF for Projects - Visual Studio 2010 – <http://mpfproj10.codeplex.com/>
vsx, visual-studio-sdk, c#, vspackage

This project contains sample code for creating a new Project System in Visual Studio 2010.

Moderator

Visual Studio Managed Package Framework for Projects (MPFProj) – <http://mpfproj.codeplex.com/> Nov 2008 → Current
vsx, visual-studio-sdk, c#, vspackage

A community project containing the source code and tests of a library for creating project system plug-ins for Visual Studio 2008 and upwards using C#.

Moderator

Public Artifacts

VSX Insider: Adding VSCT compilation support to Whidbey (VS 2005) projects – <http://vsx-insider.blogspot.com/2008/02/adding-vsct-compilation-support-to.html>

This post demonstrates how to add VSCT support for Whidbey (VS 2005) projects.

Implementing usability methods into CMMI-compliant software development process | CEE-SECR 2010 –
<http://2010.cee-secr.org/lang/en-en/regular-talks/implementing-usability-methods-into-cmmi-compliant-software-development-process>

Usability methods are described many times in books, internet articles and well-known standards as ISO (International Organization for Standardization) and CMMI (Capability of Maturity Model Improvements), but nevertheless there are not that many organizations in Russia where the whole process is based on HCD (Human Centered Design). As the result we still have many products which are not serve us as they should and many projects which overrun their budgets dramatically or failed. We keep loosing money and repeat the same mistakes over and over again, and this is true not just for some small and inexperienced companies but also for medium and large organizations.

In our presentation we are looking into the reasons why it is happening, and suggest ways to solve these problems. We think it will be helpful at least for the companies which are open to changes in their process and are mature enough to manage the process across the whole organization. So, we looked at the problem from the point of view of CMMI for Developers, as it is the most popular, open and well-known source of the process improvements' knowledge and practices. We have found common user-centered methods, described sometimes in different terms. In our presentation we unite the common usability methods and terms suggest the way of practical application of CMMI to organizational process of software development.

In our presentation we describe the steps which should be made to start the process improvements in an organization. We give some examples of the usability/validation methods which can be used on each phase of the project development, including the deliverables for each steps and approximate efforts of these steps.

We want to help organizations similar to ours to understand that: "User centered design is not a step in the process - it is the process. It is not just about usability - it is about value. It is not expensive - it is flexible. It is not the role of one person or department - it is a culture. It is not a choice, it is a means of survival", as it was said by a usability guru Whitney Hess.

We also hope to influence the new version CMMI for Developers which are coming in the end of 2010. We wish it to become more clear and closer to the common user-centered design terminology. We think that it will make it easier for people to understand CMMI recommendations, and what is most important to apply these recommendations on practice.

We think that our work will help others to start their way to a more user-friendly world today.

Apps & Software

2can - mobile terminal (the Russian equivalent of the U.S. Square service) – <http://2can.ru>
asp.net-mvc, c#, fluent-nhibernate, payment-processing

This is a special application for smartphones (based on iOS and Android platform) and a card reader, which turns a smartphone into a terminal for accepting Visa and MasterCard payment cards. 2can is a Russian startup created specifically for the development, implementation and operation of the payment service via smartphones. 2can Service was launched on the Russian market at the end of September 2012 and became the first Russian mobile acquiring service to comply with the relevant security requirements for card payments imposed by Visa and MasterCard international payment systems.

.NET software developer

T-Mobile Netherlands – <http://www.t-mobile.nl/>
c#, wcf, asp.net, unit-testing, sql-server, oracle, xml, html, css, winforms, visual-studio

Set of projects for T-Mobile Netherlands (one of the largest mobile telephone operator in the country). Public (eShop, My T-Mobile, TeleSales, Family Plan, iPhone Preorder), Internal (tools for employees), Web and Background Services, Data Migration, etc.

I joined the team as a senior .NET developer first - and then I was a Team Lead.

SharpStyle Neutron – <http://www.sharpestyle.com/>
visual-studio-sdk, c#, vsx, vs-extensibility, visual-studio-extensions, antlr, lexer, parser-generator

SharpStyle Neutron allows ActionScript developers to code, compile and source control ActionScript code from within Visual Studio 2005© and Visual Studio 2005 Team System© development environments. By allowing Flash and Microsoft developers to work side-by-side in the same IDE SharpStyle Neutron bridges the gap between two disparate worlds and vastly improves the process of developing Rich Internet Applications.

I have developed this Visual Studio integration and related things needed to deploy the product.

GroupDocs - Document Management Solution – <http://groupdocs.com/>
c#, asp.net-mvc, wcf, json, html, css, nunit, aspose, openxml, knockout, jquery

Quickly and Securely share documents online. Upload, Compare, Convert, Digitally Sign and View PDF, DOC, DOCX, PPT, PPTX, XLS and many other document formats.

I have developed Groupdocs Comparison application - back-end and front-end logic.

Others

A geologist's metamorphosis into a Toptal software developer – Interviews

Aug 2015

"I am from a nonexistent city in a nonexistent country," Toptal freelancer Dmitry Pavlov tells me during our Skype interview, and I'm unsure how to respond to this unusual answer to the simple introductory question, "where are you from?" "It's a local joke, you see. I am from St. Petersburg, but when I was born it was Leningrad, and Russia was the Soviet Union." As far as local jokes go, I think that one is more clever than most, though not many places have such a unique history to build on...

Readings

jQuery in Action, Second Edition – Bear Bibeault, Yehuda Katz – <http://www.amazon.com/jquery-Action-Second-Edition-Bibeault/dp/1935182323%3FSubscriptionId%3DAKIAIIBINOD46VC3JCLQ%26tag%3Dstackoverflowl08-20%26linkCode%3Dxm2%26camp%3D2025%26creative%3D165953%26creativeASIN%3D1935182323>

Visual Studio Hacks: Tips & Tools for Turbocharging the IDE – James Avery – <http://www.amazon.com/Visual-Studio-Hacks-Tools-Turbocharging/dp/0596008473%3FSubscriptionId%3DAKIALIBINOD46VC3JCLQ%26tag%3Dstackoverf108-20%26linkCode%3Dxm2%26camp%3D2025%26creative%3D165953%26creativeASIN%3D0596008473>

Tiny Happy Features #2 - ASP.NET Web API in Visual Studio 2012 - Scott Hanselman – Scott Hanselman's Blog – <http://www.hanselman.com/blog/TinyHappyFeatures2ASPNETWebAPIInVisualStudio2012.aspx>

A nice post about ASP.NET Web API in Visual Studio 2012

Tools

First Computer: Intel Celeron
Favorite Editor: Visual Studio