


Dmitry Pavlov

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Summary

I am a top-notch .NET developer freelancing worldwide. I have been coding for more than 15 years. I mostly deal with ASP.NET Core and Blazor (C#, .NET Core) software development stack these days. You can hire me. I would consider only 100% remote opportunities. Clients call me the Coding Machine.

Top 1% on Stack Overflow.

Top 3% of Freelance Developers.

8 Microsoft MVP Awards.

Master Degree in Computer Science.

Open Source Contributor.

28K+ Members Community Coordinator.

Email: me@dmitry-pavlov.com

My availability: <https://coding-machine.net>

Experience

World-class ASP.NET Core contractor

Coding Machine

Nov 2011 - Present (8 years 9 months +)

You can hire me to help you with .NET development. I am a top-notch .NET developer freelancing worldwide. I have been coding for more than 15 years. I mostly deal with ASP.NET Core (C#, .NET Core) software development stack these days. Top 1% on Stack Overflow. Top 3% of Freelance Developers. 8 Microsoft MVP Awards. Master's Degree in Computer Science. You will find my detailed CV, relevant profile links, and recommendations here <https://coding-machine.net>

Do not hesitate to contact me@dmitry-pavlov.com or on Skype: [pavlovdmitry](https://www.skype.com/people/pavlovdmitry)

Freelance .NET Developer

Toptal

Jun 2012 - Present (8 years 2 months +)

I work as a freelance remote ASP.NET Core / .NET / C# developer for Toptal clients. Toptal - is an exclusive network of the top 3% of freelance software developers, designers, and finance experts in the world.

Senior .NET Core Developer

Child Care Seer

Jan 2020 - Jul 2020 (7 months)

.NET Core backend software development. Integrated online payments via Stripe API with connected accounts to the Child Care Seer platform. Implemented finance-related API endpoints logic for online and offline payments for the Child Care Seer platform. Implemented handling the Stripe webhook event callbacks for asynchronous payment flows and managing connected Stripe accounts for the platform clients. Configured and maintained Stripe accounts for development, testing, and production environments. Participated in

business analysis team discussions, code reviews, and common meetings for the agile software development process. Migrated codebase to .NET Core 3.0, assisted in establishing CI/CD pipelines for backend code.
Technologies: C#, ASP.NET Core, Stripe API, Swagger, Entity Framework Core, .NET Core

Senior .NET Core Developer

Blacc Spot Media, Inc.

Oct 2019 - Dec 2019 (3 months)

Developing .NET Core applications backend for the Cystic Fibrosis Foundation - a 501 non-profit organization in the United States established to provide the means to cure cystic fibrosis and ensure that those living with CF live long and productive lives.

Technology stack: ASP.NET Core, .NET Core, Swagger UI, Entity Framework Core, AutoMapper, Razor Views, SendGrid API, Twilio API, Zendesk API.

Senior .NET Consultant

dunnhumby

Oct 2018 - Sep 2019 (1 year)

I have been hired as a senior consultant to ramp up .NET expertise in Berlin's development center and mentor dunnhumby full-timers on the server side aspects of .NET Core application development. Designed architecture for server side APIs with clean architecture approach. Integrates with company hybrid authentication and authorization for AD SSO / Google Directory API. Designed ASP.NET Core integration tests with xUnit and WebApplicationFactory. Developed server side microservices APIs with external and cross component dependencies in Kubernetes environment. Technologies: .NET Core, ASP.NET Core, Entity Framework Core, MediatR, FluentValidation, Dependency Injection, Open API, Swagger, NSwag, xUnit, PostgreSQL, Hangfire, GitLab, GKE, Kubernetes, JWT, Google Directory API, Firebase API, Active Directory SSO.

Community Leader

Toptal

Jul 2014 - Oct 2018 (4 years 4 months)

Toptal Community Leaders is a global community of experts - the world's most influential workforce in design, business, and technology. As a Toptal Community Leader I was responsible for empowering and growing a network of experts in Russian speaking regions and worldwide. Organizing workshops, co-working days, networking events, speaking at conferences, and helping experts in the region make the most of Toptal. Fostering engagement and expertise-sharing among Toptal community members around the world. Standing out as a community leader (an industry expert and a thought leader myself), and networking with the best of the best.

Full-stack ASP.NET Core Developer

Startup (via Toptal)

Aug 2018 - Sep 2018 (2 months)

Implemented a dashboard web application from scratch based on ASP.NET Core 2.1 with Razor views and including dependency injection (DI) and Entity Framework Core, identity user, role, and claims management. Used SB Admin 2 template for the admin panel with Ajax callback and modal popups for CRUD operations over the entities. Implemented ASP.NET Core View Components to display common UI parts with the possibility to update data via jQuery unobtrusive Ajax. Configured code-first EF Core 2.1 migrations and automated the database recreation process, which updates schema and populates mandatory and sample data for manual smoke tests on the UI. Implemented 2FA logic to use TOTP authenticator apps from Google and Microsoft for iOS, Android, and Windows Phone devices. Technologies: ASP.NET Core 2.1, C#, .NET Core 2.1, .NET Standard 2.0, Razor, MVC, DI, Entity Framework Core, ASP.NET Core Identity, ASP.NET Core View Components, NuGet, AutoMapper, SendGrid, JavaScript, Bootstrap, SQL, Azure Storage, xUnit, TOTP, 2FA, VSTS

Senior Full-Stack Developer

NKR Managing General Agent (via Toptal)

Apr 2018 - Jul 2018 (4 months)

Designed ASP.NET Core application architecture for digital claims management software application that leverages digital data from connected vehicles to automate property and casualty claims processes. Implemented Model-View-Controller (MVC) architecture with ASP.NET Core Razor views, Dependency Injection (DI) and Entity Framework (EF Core) according to UI layouts and business requirements. Implemented schema with Code First Entity Framework Core for SQL Server in AWS. Implemented console for data emulation, test damage calculation, and application configuration. Implemented realtime internal application notifications based on SignalR. Implemented notifying external parties via SMS, Email, and API. Implemented Google Maps geolocation API integration. Implemented NADA (National Automobile Dealers Association) API integration. Implemented asynchronous updatable ASP.NET Core View Components. Wrote technical documentation. Technologies: ASP.NET Core 2+, C#, .NET Core, Razor, MVC, DI, Entity Framework Core, EF Code First, ASP.NET Core Tag Helpers, ASP.NET Core Identity, AutoMapper, SendGrid API, Twilio API, Zendesk API, Quartz.NET, View Components, Google Geocoding API, CSV import/export, JavaScript, jQuery, SignalR, AJAX, DataTables, Bootstrap, Chart.js, HTML, CSS, HTML Canvas Drawing, Razor Email Templates, Google Maps API, NADA (National Automobile Dealers Association) API, SQL Server, AWS SDK, Amazon S3, JIRA, BitBucket, Git, Visual Studio 2017

Senior Technical Recruiter

Toptal

Oct 2013 - Apr 2018 (4 years 7 months)

Looking for Top 3% of Freelance Talent to join an exclusive network of the top freelance software developers, designers, and finance experts in the world. Achieving the KPIs set for sourcing of the software developers. Supporting and communicating with to the candidates in passing through the screening funnel. Monitoring modern frontier trends of the software development and constant getting familiar with them and the corresponding technical communities. Reporting to the team manager on regular basis about the current stats and prospects. Coming up with ideas and suggestions within and outside the team. Collaborating with other teams in the company to enhance and tune the processes.

KALON ASP.NET MVC Full Stack Developer

Kalon Creative

Mar 2018 - Mar 2018 (1 month)

Updated ASP.NET Razor views according to new InVision mockups. Adjusted ASP.NET views to be responsive for mobile view as well as for other screen sizes using Bootstrap. Optimized backend logic to avoid performance issues and comply with the new UX approach on front-end. Regenerated POT/PO internationalization files for string resources used for ASP.NET MVC application. Participated in code reviews of the pool requests for the branches before merging them to QA and Production environments. Technologies: ASP.NET MVC, C#, Entity Framework, PostgreSQL, CSS, HTML, JavaScript, jQuery, Responsive Bootstrap, Visual Studio 2017, BitBucket, TeamWork.

Senior .NET Developer

Nov 2017 - Mar 2018 (5 months)

Designed and implemented Bank Engine API using ASP.NET Core Web API. Configured continuous integration tasks to build and deploy API components to different Azure environments. Designed corresponding database schema for Azure SQL Server. Implemented unit tests using in memory database approach, as well integration tests for API endpoints. Configured API Explorer using Swagger as well as simple React/Redux based UI for interacting with the API. Technologies: C#, .NET Core 2.0, .NET Standard 2.0, ASP.NET Core 2.0, Web API, Azure, SQL Server, EntityFramework Core, VSTS, Swagger, Swashbuckle, React, Redux, JavaScript, TypeScript, AutoMapper, xUnit, FluentValidation, CsvHelper, JSON, WebPack, Bootstrap.

Senior .NET Developer

Ascension Data and Analytics, LLC

May 2017 - Oct 2017 (6 months)

Developed workflow to interact with external OCR and Machine Learning system via API. Designed and implemented background service for maintaining the queue and message pooling. Developed plugin based architecture for processing queue messages. Deployed system modules and components. Implemented API for UI for managing information in the mortgage servicing and capital markets space.



.NET Full-stack Developer

Eurotech Global Sports

Sep 2016 - Dec 2016 (4 months)

Developed the server and client-side logic for the accreditation module of IFES system for FIFA events.

Secured the components with the appropriate permissions.

Implemented the export mechanism for the security data.

Implemented the bulk update logic.

Participated in the design sessions to discuss and plan the logic implementation.

Technologies: C#, ASP.NET MVC, AngularJS, JavaScript, SQL



Full-stack Web Developer

FORTÉ

Jan 2016 - May 2016 (5 months)

Developed a web application using ASP.NET MVC, and Web API, with an AngularJS-based client side.

Automated live streaming using Azure Media Services. Built website content indexing and search using Azure

Search Services. Processed background tasks by events-driven Azure Web Jobs. Developed back-end features

using dependency injection principle for MVC controllers, services, and repositories. Conducted unit testing

using the mocks and end-to-end testing of exposed API. Documented the API with Swashbuckle (.NET port

of Swagger UI). Technologies: C#, ASP.NET MVC, Web API, JavaScript, AngularJS, Entity Framework, Unity

Framework, Serilog, Swagger, SQL Server, Azure Web Apps, Azure Media Services, Azure Search Services, Visual

Studio Online, Git, JIRA, Confluence.



Senior Lead Software Engineer

MetTel

Jul 2014 - Oct 2015 (1 year 4 months)

Implemented a Knockout-based user interface for several modules of the control management panel.

Implemented client-side logic in JavaScript which manages the nested grids and single page history

navigation. Developed a micro framework for requesting information from Solr API and safe parsing of JSON

data in C#. Implemented Web API services and corresponding business logic. Created and maintained unit

tests for verification of Web API services controller actions. Technologies: ASP.NET MVC, C#, .NET, Knockout.js,

JavaScript, jQuery, CSS, HTML, Solr.



Technical Books Reviewer

Packt

May 2014 - May 2015 (1 year 1 month)

Reviewer of the book "Getting Started with Knockout.js for .NET Developers"

<https://www.packtpub.com/application-development/getting-started-knockoutjs-net-developers>



Technical Expert

Ubiquiti Mobile

Sep 2014 - Feb 2015 (6 months)

Ubiquiti Mobile is a framework for rapid cross-platform .NET development the apps work on Android, iOS,

Windows Phone and old Java-based phones. It uses cloud-based architecture.

My responsibilities:

Developing technical community.
Helping community to achieve their needs.
Mediation between the community and development team.
Managing technical content in social networks.



Senior .NET Developer

American Mortgage Consultants, Inc.

Jun 2013 - Jun 2014 (1 year 1 month)

Designed the software system architecture.

Developed several components for automatic recognition and processing the scanned forms.

Implemented page detection and field values extraction business logic for the scanned mortgage documents.

Created and maintained the unit tests covering the application business logic.

Implemented UI for interacting with the OCR system via API services.

Implemented self documented JSON based Web API.



Freelance C# / .NET / ASP.NET Developer

2can

Nov 2012 - May 2013 (7 months)

I dealt with the software development for Russian mobile card acquiring service - 2can. 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

GroupDocs

Nov 2011 - Jun 2012 (8 months)

I worked remotely (full-time telecommute position) on GroupDocs Comparison project for GroupDocs.com (part of Aspose group of companies). I was responsible for ASP.NET MVC based web application as well as all server side document comparison logic. GroupDocs Comparison project helps you keep track of changes, consolidate different versions and make sure that your documents are the best they can be.

GroupDocs Comparison merges the two documents and highlights where they differ. Read more here: <http://groupdocs.com/apps/comparison>



Senior .NET Developer, Team Lead

Exigen Services

Mar 2008 - Nov 2011 (3 years 9 months)

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.

Freelance Software .NET Developer

SharpStyle

Jul 2006 - Feb 2008 (1 year 8 months)

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 (11 months)

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.

Senior .NET Developer, Team Lead

Bridge-Quest

Feb 2005 - Sep 2005 (8 months)

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

.NET Software Developer

Exigen Services

Apr 2004 - Jan 2005 (10 months)

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

.NET Software Developer

STEP Technologies GmbH

Nov 2003 - Mar 2004 (5 months)

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

Geological Engineer, Software Developer

Lengiprotrans

Feb 2000 - Jun 2001 (1 year 5 months)

Automating geotechnical calculations (statistics, diagrams of load, etc.) using MS Excel spreadsheets.

Technologies: Visual Basic 6.0, VBA (MS Excel), MS Access.

Education

Peter the Great St.Petersburg Polytechnic University

Master's Degree, Computers Systems and Networks

2001 - 2004



Saint Petersburg State University

Postgraduate Course, Geology

2003 - 2006

PhD thesis: "Automation of Cross Section Building through the Thrust Systems Foreland".



Saint Petersburg State University

Master's Degree, Geology

2001 - 2003



Saint Petersburg State University

Bachelor's degree, Geology

1997 - 2001



St. Petersburg Secondary School # 359

School Certificate, Chemical-Biological Class

1987 - 1997

Licenses & Certifications



Developing Microsoft ASP.NET Web Applications Using Visual Studio .NET - IT Academy

Russia / Академия АйТи



CCNA Course Completion - Cisco Networking Academy



React.js: Getting Started - Pluralsight



React Fundamentals - Pluralsight



Building Applications with React and Flux - Pluralsight



Building Applications with React and Redux in ES6 - Pluralsight



Microservices Architecture - Pluralsight



ASP.NET Core: Security - LinkedIn



GENERAL ENGLISH (8 Months UPPER-INTERMEDIATE Course) - Skyeng

454178



ASP.NET Core: Test-Driven Development - LinkedIn



Blockchain Basics - LinkedIn



Blockchain: Beyond the Basics - LinkedIn



Surveying Blockchain Technologies for Enterprise - Pluralsight



Blockchain and Bitcoin Fundamentals - Udemy

UC-JB6C75IO



Ethereum Developer Masterclass: Build Real World Projects - Udemy

UC-38PXRPMU



Getting Started with OAuth 2.0 - Pluralsight





ASP.NET Core Identity Deep Dive



Learning ASP.NET Core MVC - LinkedIn

-  **ASP.NET Core: Razor Pages** - LinkedIn
-  **ASP.NET Core New Features** - LinkedIn
-  **Building and Securing RESTful APIs in ASP.NET Core** - LinkedIn
-  **ASP.NET Core: Middleware** - LinkedIn
-  **Learning Entity Framework Core** - LinkedIn
-  **Deploying ASP.NET Core Applications** - LinkedIn
-  **ASP.NET Core: Security** - LinkedIn

Honors & Awards

-  **Microsoft Most Valuable Professional (MVP) 7 Awards in 2008 - 2015 (Visual C#)** - Microsoft
Jun 2008
I hold Microsoft MVP (Most Valuable Professional) Award (in Visual C# nomination) since 2008 until 2015 (annually re-awarded by Microsoft for 7 years in a row)
<https://mvp.microsoft.com/en-us/PublicProfile/4020708>
-  **Microsoft Most Valuable Professional (MVP) 2020 award in Developer Technologies** - Microsoft
Jun 2020
Microsoft Most Valuable Professional (MVP) 2020 award in "Developer Technologies".
<https://mvp.microsoft.com/en-us/PublicProfile/4020708>

Skills

ASP.NET Core • .NET Core • Blazor • Web Services • Web Applications • Software Development • Web Development • Agile Methodologies • OOP • Design Patterns