

Contact

worldwide
+79214261339 (Mobile)
dimaka@gmail.com

www.linkedin.com/in/dimaka
(LinkedIn)
dmitry-pavlov.com (Personal)
coding-machine.net (Company)

Top Skills

ASP.NET Core

.NET Core

Blazor

Languages

C# (Native or Bilingual)

German (Elementary)

English (Full Professional)

Certifications

Getting Started with OAuth 2.0

React Fundamentals

Blockchain: Beyond the Basics

Blockchain Basics

ASP.NET Core: Test-Driven
Development

Honors-Awards

Microsoft Most Valuable Professional
(MVP) 7 Awards in 2008 - 2015
(Visual C#)

Microsoft Most Valuable Professional
(MVP) 2020 award in Developer
Technologies

Microsoft Most Valuable Professional
(MVP) 2021 award in Developer
Technologies

Publications

Implementing usability methods
into CMMI-compliant software
development process

Geological Cross Section Data
Reusing

Dmitry Pavlov

a.k.a. the "Coding Machine"

St Petersburg

Summary

I am a world-class .NET contractor. I mostly deal with ASP.NET Core and Blazor (C#, .NET 5, .NET Core) software development stack these days. My clients call me the "Coding Machine".

Top 1% on Stack Overflow.

Top 3% of Freelance Developers.

9 Microsoft MVP Awards.

Master's Degree in Computer Science.

Open Source Contributor.

35K+ Members Community Coordinator.

Sense of humor adept.

Email: me@dmitry-pavlov.com

Availability: <https://coding-machine.net>

Experience

Coding Machine

World-class ASP.NET Core contractor

November 2011 - Present (9 years 9 months)

Worldwide

I am a top-notch .NET developer (one-person company) freelancing worldwide. I have been coding for more than 20 years. I mostly deal with ASP.NET Core and Blazor (C#, .NET Core) software development stack these days. I would consider only 100% remote opportunities. I apply SDLC, -ilities, OOAD, SOLID and other engineering kung fu... But always try to use KISS principle. Top 1% on Stack Overflow. Top 3% of Freelance Developers. Active Microsoft MVP (9 awards). Master Degree in Computer Science. Open source author and 35K+ members community coordinator. Sense of humor adept. You will find my detailed CV, relevant profile links, recommendations, and availability here <https://coding-machine.net>

Do not hesitate to contact me@dmitry-pavlov.com or on Skype: pavlovdmitry

Toptal

9 years 2 months

Freelance .NET Contractor

June 2012 - Present (9 years 2 months)

Worldwide

I work as a freelance remote ASP.NET Core / Blazor / .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 - <https://www.toptal.com/top-3-percent/#remote-developer-job>

Community Leader

July 2014 - October 2018 (4 years 4 months)

Remotely

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.

Senior Technical Recruiter

October 2013 - April 2018 (4 years 7 months)

Remotely

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.

Code Fabriek

Senior .NET Developer

November 2019 - Present (1 year 9 months)

Apeldoorn, Gelderland, Netherlands

Remote ad-hoc contractor to cover ASP.NET Core / Blazor / .NET / C# software development needs.

RyanTech Cloud Services Inc.

Senior .NET Developer

September 2019 - Present (1 year 11 months)

Arizona, United States

Remote ad-hoc contractor to cover ASP.NET Core / Blazor / .NET / C# software development needs.

Child Care Seer

Senior .NET Core Developer

January 2020 - July 2020 (7 months)

Fredericksburg, Virginia, United States (remotely)

.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

Blacc Spot Media, Inc.

Senior .NET Core Developer

October 2019 - December 2019 (3 months)

Atlanta, Georgia, United States (remotely)

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.

dunnhumby

Senior .NET Consultant

October 2018 - September 2019 (1 year)

Berlin Area, Germany (onsite, remotely)

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, FluenValidation, Dependency Injection, Open API, Swagger, NSwag, xUnit, PostgreSQL, Hangfire, GitLab, GKE, Kubernetes, JWT, Google Directory API, Firebase API, Active Directory SSO.

Startup (via Toptal)

Full-stack ASP.NET Core Developer

August 2018 - September 2018 (2 months)

London, England, United Kingdom (remotely)

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

NKR Managing General Agent (via Toptal)

Senior Full-Stack Developer

April 2018 - July 2018 (4 months)

Scottsdale, Arizona, United States (remotely)

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

Kalon Creative

ASP.NET MVC Full Stack Developer

March 2018 - March 2018 (1 month)

Canton, Georgia, United States (remotely)

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.

Tusmor

Senior .NET Developer

November 2017 - March 2018 (5 months)

London, England, United Kingdom (remotely)

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.

Ascension Data and Analytics, LLC

Senior .NET Developer

May 2017 - October 2017 (6 months)

Washington, District of Columbia, United States (remotely)

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.

Eurotech Global Sports

.NET Full-stack Developer

September 2016 - December 2016 (4 months)

Switzerland (remotely)

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

FORTË

Full-stack Web Developer

January 2016 - May 2016 (5 months)

New York, New York, United States (remotely)

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.

MetTel

Senior Lead Software Engineer

July 2014 - October 2015 (1 year 4 months)

New York, New York, United States (remotely)

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.

Packt Publishing

Technical Books Reviewer

May 2014 - May 2015 (1 year 1 month)

Birmingham, England, United Kingdom (remotely)

Reviewer of the book "Getting Started with Knockout.js for .NET Developers"
<https://www.packtpub.com/application-development/getting-started-knockoutjs-net-developers>

Ubiq Mobile

Technical Expert

September 2014 - February 2015 (6 months)

Saint Petersburg, Russian Federation

Ubiq 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.

American Mortgage Consultants, Inc.

Senior .NET Developer

June 2013 - June 2014 (1 year 1 month)

New York, New York, United States (remotely)

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.

2can

Freelance C# / .NET / ASP.NET Developer

November 2012 - May 2013 (7 months)

Moscow City, Russia (remotely)

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.

GroupDocs

Freelance C# Developer

November 2011 - June 2012 (8 months)

Sydney, New South Wales, Australia (remotely)

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: <https://products.groupdocs.com/comparison/net>

Exigen Services

Senior .NET Developer, Team Lead

March 2008 - November 2011 (3 years 9 months)

Saint Petersburg, Russian Federation

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.

SharpStyle Labs

Freelance Software .NET Developer

July 2006 - February 2008 (1 year 8 months)

New York, United States (remotely)

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.

Saint Petersburg State University
Scientific Researcher, PhD Course
September 2005 - July 2006 (11 months)
Saint Petersburg, Russian Federation

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.

Bridge-Quest

Senior .NET Developer, Team Lead
February 2005 - September 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

StarSoft Development Labs

.NET Software Developer
April 2004 - January 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

STEP Technologies GmbH

.NET Software Developer
November 2003 - March 2004 (5 months)
Saint Petersburg, Russian Federation

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

Lengiprotrans

Geological Engineer, Software Developer
February 2000 - June 2001 (1 year 5 months)
Saint Petersburg, Russian Federation

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

Education

Saint Petersburg State Polytechnical University

Master's Degree, Computers Systems and Networks · (2001 - 2004)

Saint Petersburg State University

Postgraduate Course, Geology · (2003 - 2006)

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)