

Dobromir Nikolov

Software Developer

Varna 9000

(359) 883-567-730

dobromir@devadventures.net

[Github](#) | [LinkedIn](#) | [Blog](#)

EXPERIENCE

DXC Technology — *Senior .NET Developer*

JANUARY 2019 - PRESENT DAY

Immedis — *Team Lead / Senior .NET Developer*

FEBRUARY 2018 - JANUARY 2019

Mentormate — *.NET Developer*

AUGUST 2017 - FEBRUARY 2018

DXC Technology — *.NET Developer*

JULY 2016 - AUGUST 2017

WORK PROJECTS

Immedis CRM/Payroll Portal ([link](#)) — *Immedis*

- Migrated most of the backend services from .NET 4.5 to .NET Core.
- Integrated with external payment systems using TDD.
- Developed serverless applications on AWS Lambda.
- Mentored and managed junior developers.
- Participated in direct client meetings in Poland and designed and implemented integration solutions.
- Overhauled the development process by introducing and implementing from scratch: continuous integration; continuous deployment; Git with GitFlow.

ASP.NET 5/.NET Core 2.0, PostgreSQL, IIS, Fluent NHibernate, Swagger, AWS Lambda, TDD, CI/CD Agents, TFS, Git, SCRUM, Angular

Krames on FHIR ([link](#)) — *Mentormate*

- Received “HIPAA Compliant Software” training.
- Implemented various front-end features such as a “shopping” cart for documents, video preview, drag and drop widgets, etc.
- Improved load times by 20% by refactoring to separate IO operations from business logic and reduce unneeded API calls.
- Removed huge chunks of duplicated code by implementing JWT roles.
- Integrated seamlessly into the American team and managed to collaborate effectively despite the significant time differences.

ASP.NET MVC/Web API 4.5, SQL Server 2014, IIS, Swagger, Entity Framework 6, AngularJs, TDD, TFS, SCRUM

CERTIFICATIONS

**Microsoft Specialist –
Programming in C# (Microsoft
Corporation)**

**Microsoft Certified Professional
(Microsoft Corporation)**

**Microsoft Technology Associate
(Microsoft Corporation)**

EDUCATION

Technical University, Varna — *Bachelors of Computer Science*

SEPTEMBER 2016 - PRESENT DAY

Studying in absentia, so the university program does not interfere with working full-time.

WORK PROJECTS

Krames On-Demand ([link](#)) — *Mentormate*

- Migrated crucial functionality from an old, almost abandoned legacy system to a new one under a very tight deadline. This enabled the clients - StayWell to migrate 2 big clients to the new system.
- Made a visual data migration application which enabled business people to execute complicated migration logic without risking data corruption.
- Worked very closely with the clients by holding daily meetings and doing a demo at least once a week.
- As a contractor, had to manage the whole development process from analysis to implementation and delivery.

ASP.NET WebForms, ADO.NET, SQL Server 2014, IIS, TFS, SCRUM

Inveni — *Mentormate*

- Completely refactored the old and messy tests part of the application.
- Went from 0% to 30% tests coverage on the application's business logic.
- Taught unit/integration testing and test-driven development to 5 developers.

ASP.NET MVC 4.5, Swagger, NUnit, EntityFramework, SQL Server, AngularJs, SCRUM

Financial Wellness — *Mentormate*

- Worked with one other developer to design the API and architecture from ground zero.
- Closely communicated with the clients and their UX team.
- Participated in kickoff and design meetings.

ASP.NET Core Web API, Swagger, AutoMapper, Entity Framework 7, Docker, SQL Server 2017

GART (Global Account Review Tool) — *DXC Technology*

- Took upon maintaining the system after the whole development/support team had left.
- Participated in knowledge sharing meetings in Germany.
- Extensively supported the users via direct communication.

SQL Server, ADO.NET, ASP.NET WebForms

NOTABLE OPEN-SOURCE PROJECTS

Solution Snapshotter ([link](#))

A tool written in F# that allows you to extract a Visual Studio template out of your current project setup. This template is exported as a Visual Studio extension that you can distribute throughout your team. See the [readme](#) for more details.

Café ([link](#))

Café is an example application demonstrating a combination between domain-driven design and functional programming in C#. It features DDD, CQRS, event-sourcing, 100% integration test coverage, CI and CD, REST with HATEOAS, Docker setup and much more.

Dev Adventures .NET Core Template (12K+ downloads) ([link](#))

A simple, yet robust .NET Core solution architecture. It automatically sets up all the basics such as a clean folder and solution structure, multiple assemblies, authorization, logging, testing, etc. (see the [README](#) for more

details)

Elasticsearch Recipes Search Engine ([link](#))

This is a demonstration of how the finished application would look like if you follow my [4 part tutorial](#) on Elasticsearch with .NET Core. The app itself is a search engine for recipes.

Melomania ([link](#))

A CLI tool for managing your Google Drive music collection. It automatically extracts .mp3 files from video urls (youtube, facebook, etc.) and uploads them into the cloud.

NOTABLE ARTICLES

DNC Magazine (~100K subscribers) ([link](#))

- Integration Testing of Real-time communication in ASP.NET Core - Issue 43 ([link](#))

This article teaches you how you can design and implement a robust integration tests infrastructure for real-time communications using SignalR and .NET Core.

- Shipping Pseudocode to Production - Issue 42 ([link](#))

This article talks about type expressiveness and how we can use the functional Either monad in C# to implement complex business logic that reads as simply as a description of sequential operations.

Dev Adventures (personal blog) ([link](#))

- Implementing a Google-like search engine for recipes using ElasticSearch and .NET ([link](#))

A beefy, 4 part, very detailed tutorial on how you can index nearly 200000 cooking recipes into ElasticSearch and then build a .NET Core API that allows to quickly search through them. You can see the end result on [GitHub](#).

ON THE SIDE

- Co-organizer of the group “Functional Varna”. Occasionally lectures about .NET and/or Functional Programming.