

# .NET Software Engineer

Nikolay Rovdo



Relevant contacts: <https://keipa.pro/>

More than nine years of experience in software development. Backend/.NET engineer specializing in cloud-native systems on Azure/AWS, event-driven architecture, CI/CD, and production operations. Experience with Microsoft development tools and technologies. Good knowledge in creation of solution level design and implementation of cloud-based systems. Experience working based on SCRUM methodology.

## Tech Skills

.NET Framework/.NET Core/.NET 4.7.1–10 building RESTful APIs and cloud-hosted systems on Azure and AWS. Strong in data and integration work with Microsoft SQL Server/T-SQL (incl. Azure SQL) and Cosmos DB, event-driven and messaging patterns (Azure Service Bus), search/observability (Elasticsearch, Application Insights, Grafana/InfluxDB/Telegraf), and secure authentication/authorization (SAML, OAuth).

Hands-on DevOps and delivery: CI/CD with GitHub Actions and Azure DevOps (Boards/Pipelines/Release), containers with Docker and Kubernetes/AKS, infrastructure as code with Terraform and ARM templates, plus test/quality tooling (xUnit/NUnit, Postman, Cypress, JMeter). Comfortable collaborating in Agile/Scrum, working on Windows/Linux, and using common engineering utilities (Git, Jira, Nginx, NuGet; plus Autofac, EF/Dapper, LINQ, Serilog/NLog, Swagger/OpenAPI, WebSockets).

## Language Skills

- English – Professional working proficiency
- Belarusian – Native Speaker
- Russian – Native Speaker
- Spanish – Elementary proficiency
- Arabic – Elementary proficiency

## Education

- Belarusian State University of Informatics and Radioelectronics, Faculty of Computer Systems and Networks, Master's degree of computer science and engineering. Specialties: Informatics and Programming Technologies, Processing of large volumes of information. Qualification: Engineer - System Programmer.

## Certificates

- AZ-203: Developing Solutions for Microsoft Azure
  - Microsoft Certified: Azure Developer Associate

# Selected Projects

## Document Builder Nov 2024 – Feb 2026

Project Description	Solutions for Institutions, Biotech/Pharma and GME Programs. Enterprise-strength cloud-hosted platform that helps pharma investigators to work with business designed documents. This product is a secure cloud-based application that helps improve the quality and consistency of protocols to make internal and IRB review processes more efficient. It is available by subscription to single users and institutions of any size.
Position	Tech lead developer
Responsibilities	Design from scratch, functional and architecture development, release deployment, code review, knowledge transfer, setting priorities, CI-CD setup, incident resolve, clarifying requirements, data migration, go-live releases.

## Trade Nov 2022 – Oct 2024

Project Description	Trade platform  For brokers, charterers and owners, who need to ship cargo, Trade is an online platform that allows ordering, negotiation and fixing deals.  Unlike existing brokering tools and methods, Trade enables all parties to collaborate under 'one roof', facilitating a streamlined, consolidated and compliant deal.  As a result, Trade should be a financial and legal execution tool - as it is used to negotiate agreements and ultimately form binding contracts between parties.
Position	Senior back-end software developer

## Calculation Agent Nov 2020 – Oct 2022

Project Description	Data calculation platform  Calculation Agent performs daily run and produces balancing mechanism. These details monies owed and owing as a result of balancing mechanism actions and settlement of imbalances.
Position	Senior back-end software developer, DevOps
Responsibilities	Functional and architecture development, release deployment, code review, knowledge transfer, setting priorities, CI-CD setup, production incident resolve, clarifying requirements, optimizing budget.

## The Circuit Jul 2020 - Nov 2020

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### Project Description

The National Defibrillator Network

Defibrillators CRUD + services.

When cardiac arrest strikes, CPR and defibrillation can help double someone's chances of survival. But many defibrillators never get used because emergency services don't know where they are or how to access them.

That's why they need to be registered on The Circuit – the national defibrillator network. It's connected to every Ambulance Service in the UK and allows them to direct bystanders to the nearest defibrillator to help save lives.

Although NHS Ambulance Services already have defibrillator databases for their area - The Circuit will connect them together to provide a single national view.

### Position

Middle back-end software developer

## iHub Dec 2019 - Jun 2020

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### Project Description

Integration Platform

System that is designed to register and process employee in the distributed system. It is a set of integrations between various APIs services that performs validation, transformation and transition of data. Includes lot's of scenarios of services interaction.

### Position

Middle back-end software developer

### Responsibilities

Functional development from scratch, stabilization, deployment, writing documentation, code review, knowledge transfer, architecture development.

## **Pharma Intelligence's API Oct 2017 - Dec 2019**

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Project Description	API is designed to provide a set of programmatic searches and retrieve capabilities and is the primary way to access large volumes of data from products, enabling to integrate and build applications. Endpoints provide users with a simple, and predictable RESTful interface that return either JSON or XML formatted responses.
Position	Middle software developer
Responsibilities	<p>System maintenance, functional development, global refactoring, re-architecture, code review, implementing features, solution level design, mentoring, deployment.</p> <p>Implementing and maintenance Drugdev and Goldman Sachs automated report generation systems.</p> <p>Implementing and supporting monitoring/notification system.</p> <p>Building API-proxies for data mining.</p> <p>Implementing human-interface tool for data flow monitoring.</p> <p>API-proxy self-development from scratch NuGet and PIP packages.</p>

## **Pharma 360 May 2019 - Sep 2019**

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Project Description	Pharma Dashboards Web Application
Position	Middle software developer

## **Citeline Oct 2016 - Oct 2018**

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Project Description	Medical Business Intelligence System
Position	Junior software developer
Responsibilities	Legacy system maintenance, functional development (exporting web service), database cluster maintenance, deployment.