.NET Software Engineer

Nikolay Rovdo

Relevant contacts: https://keipa.pro/

Summary

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.

Skills

- Software development in C#, T-SQL, Python.

- Development using different tools for team development – Git, JIRA, Azure DevOps.

- Good knowledge in creation of solution level design and implementation of cloud-based systems.

- Experience working based on SCRUM methodology.

Language Skills

- English – Professional working proficiency

- Belarusian – Native Speaker

- Russian – Native Speaker

- Spanish – Elementary proficiency

- Arabic – Elementary proficiency

Education

- Belarusian State University, 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

Industry	Medicine
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
Overall Team Size	10 developers, 1 tech lead, 2 QA, 2 BA
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.
Tools & Technologies	.Net 6-8, Github Actions, AWS S3, AWS WAF, MSSQL, SAML, AWS EC2.
Geography	United States
Period	Nov 2024 – Feb 2026

Trade

Industry	Maritime
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

Overall Team Size	3 developers, 1 tech lead, 2 QA, 1 BA
Responsibilities	Functional and architecture development, release deployment, code review, knowledge transfer, setting priorities, CI-CD setup, incident resolve, clarifying requirements.
Tools & Technologies	.Net 6, Azure Functions, TypeScript, Azure DevOps CI+Board, React, Azure Storage, Azure Cosmos DB, Azure Service Bus, Azure AppInsights, Azure Key Vault, Launch Darkly, Cypress, Postman, Terraform, Yarn
Geography	United Kingdom
Period	Nov 2022 – Oct 2024

Calculation Agent

Industry	Power Supply
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
Overall Team Size	5-7 developers, 1 tech lead , 2 QA, 1 BA
Responsibilities	Functional and architecture development, release deployment, code review, knowledge transfer, setting priorities, CI-CD setup, production incident resolve, clarifying requirements, optimizing budget.
Tools & Technologies	.Net 5, AKS, Docker, Azure Functions, Azure DevOps CI+Board, Azure Storage, Azure Cosmos DB, Azure Service Bus, Azure AppInsights, Yarn, ARM Templates, Azure SQL Database, ASP.NET MVC
Geography	United Kingdom
Period	Nov 2020 – Oct 2022

The Circuit

Industry	Medicine
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
Overall Team Size	2 developers, 1 tech lead, 1 QA, 1 BA
Responsibilities	Functional and architecture development, deployment, code review, knowledge transfer.
Tools & Technologies	.Net Framework 4.7.1, ASP.NET MVC, JS, Azure, Azure DevOps CI+Board, Azure WebJobs, Azure Storage, Azure SQL Server, Azure DataFactory, Azure Service Bus, Azure AppInsights, Azure API Management Key Vault.
Geography	United Kingdom
Period	Jul 2020 - Nov 2020

iHub

Industry	Civil Engineering
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

Overall Team Size	3 developers, 1 tech lead, 1 QA, 1 BA
Responsibilities	Functional development from scratch, stabilization, deployment, writing documentation, code review, knowledge transfer, architecture development.
Tools & Technologies	Azure, ARM Templates, C#, Azure DevOps, Release pipelines, Azure SDK, XUnit, Powershell, Autofac, LINQ, API Management, Event Grid, AppInsights, WebSockets, Service bus, Key Vault.
Geography	United Kingdom
Period	Dec 2019 - Jun 2020

Pharma Intelligence's API

Industry	Medicine
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
Overall Team Size	1 tech lead, 4 developers, 1 BA, 2 QA
Responsibilities	System maintenance, functional development, global refactoring, re-architecture, code review, implementing features, solution level design, mentoring, deployment. Improving automated testing from CI/CD. Implementing and maintenance Drugdev and Goldman Sachs automated report generation systems. Implementing and supporting monitoring/notification system. Building API-proxies for data mining. Implementing human-interface tool for data flow monitoring. API-proxy self-development from scratch NuGet and PIP packages.
Tools & Technologies	NuGet, ASP.NET Core 2, AWS Lambda, AWS S3, AWS Kinesis, ElasticSearch, RESTful API, TeamCity, Grafana, Slack API, InfluxDB, Python, Git, MS SQL Server, ASP.NET Web API, Apache JMeter, XUnit, NUnit, Swagger, Telegraf, AWS Cloudwatch, AWS EC2.
Geography	United Kingdom

Pharma 360

Industry	Medicine
Project Description	Pharma Dashboards Web Application Web system that aggregates disease data, allows search across these diseases and their synonyms, shows Tableau dashboards related to that data.
Position	Middle software developer
Overall Team Size	1 tech lead, 2 Developers, 1 BA
Responsibilities	Functional development, code review, deployment.
Platforms	Windows
Tools & Technologies	.NET Core 2, ASP.NET MVC, AWS Lambda, AWS S3, ElasticSearch, TeamCity, Tableau, Nginx, Microsoft SQL Server, Entity Framework, Dapper, Adobe Analytics, Jira, Git, Automapper, Dapper, Serilog, NEST, OAuth, Salesforce, LINQ, Autofac, jQuery. Salesforce.
Geography	United Kingdom
Period	May 2019 - Sep 2019

Citeline

Industry	Medicine
Project Description	Medical Business Intelligence System Business intelligence system for collection medical information such as clinical trials, drugs, sites, investigators. The data is provided to the end users through several sites and RSS feeds. The main functionality is advanced information search by set of parameters.
Position	Junior software developer
Overall Team Size	5 developers, 1 tech lead, 1 QA, 3 BA

Responsibilities	Legacy system maintenance, functional development (exporting web service), database cluster maintenance, deployment.
Tools & Technologies	.NET 4, C#, Visual Basic, ASP Web Forms, Classic ASP, MS SQL 2008, Jenkins, Web Deploy, Fluent Migrator, jQuery, Autofac, LINQ, T-SQL, NLog, NuGet, Jira, IIS, Reflector, dotPeek, Reflexil.
Geography	United Kingdom United States
Period	Oct 2016 - Oct 2018

Skills

Platform	Level
Windows	Advanced
Linux	Intermediate

Languages	
C#	Advanced
Python	Intermediate
T-SQL	Advanced
Regular Expressions	Advanced
Terraform	Intermediate
Bash	Intermediate
PowerShell	Intermediate

Tools	
Amazon Web Services	Intermediate
Microsoft Azure	Advanced
Microsoft SQL Server	Advanced
Elasticsearch	Intermediate
Grafana	Advanced
Telegraf	Intermediate
InfluxDB	Intermediate

Frameworks, Build Tools and API	
ASP.NET Web API	Advanced
.NET Core	Advanced
Entity Framework	Advanced
Swagger	Advanced
AWS SDK	Intermediate
Git	Advanced
TeamCity	Advanced
SAML	Advanced

OAuth	Intermediate
XUnit	Advanced
Adobe Analytics	Intermediate
Nginx	Intermediate
Classic ASP	Advanced
Other tools	
Reflector	Advanced
dotPeek	Advanced
Postman	Advanced
Apache JMeter	Intermediate
Github Actions	Advanced
Azure Devops	Advanced

Recommendations

Arun Dahar

Position	Development Manager at Sea/ by Maritech
Date	August 7, 2024
Details	Nikolay worked with Arun in the same group
Reference	I've known Nikolay professionally for around 3.5 years. During the time we worked together he was always professional, courteous, attentive and had an eye for detail.
	Technically Nikolay was always very capable of working on the various products and services we had at the time. He quickly and seamlessly moved onto interacting with some much newer cloud-based tech that we embraced as a development team. He could just as equally get code written against tight deadlines alongside being able to come up with new and innovative solutions so solve some of the problems we were facing.
	All in all it was a pleasure to work with Nikolay and I wouldn't hesitate to work with him again if the situation arose.

Will Knox-Walker

Position	Manager at LexisNexis
Date	April 17, 2019
Details	Will managed Nikolay directly
Reference	I worked with Nikolay as part of an out-sourced development team who were fully integrated in to our teams and processes. I considered him and his colleagues part of our delivery team.
	I found Nikolay to be a considerate and competent developer who was always going the extra mile to help our delivery processes. That included dealing with out of hours problems, writing slack bots for communication and learning new technologies. He's an excellent communicator with a good sense of humour and a confident written style (for endless slack and jira tickets). You want to work with him on your projects.

Tom Elmore

Position	Contracting Senior Software Engineer
Date	May 23, 2018
Details	Nikolay worked with Tom in the same group
Reference	I worked with Nikolay remotely (London/Minsk) on an API on a .Net/AWS/ElasticSearch stack. I joined after the project had started and Nikolay's communication skills and willingness to share knowledge really helped in getting me up to speed quickly. He is a very proactive guy who will pick up things which need doing and on our project he was a key member of the team. I would be happy to have the opportunity to work with Nikolay again, and would strongly recommend him.