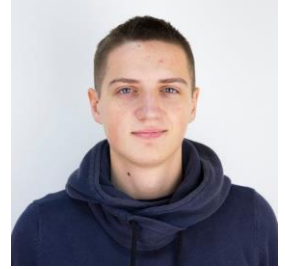


# Senior .NET Developer

Nikolay Rovdo



## Summary

More than six years of experience in software development. Good knowledge of backend and cloud infrastructure. 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 – Full professional proficiency
- Belarusian – Native Speaker
- Russian – Native Speaker
- Spanish – 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

# 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                 | Intermediate |
| 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                         | Intermediate |

|                         |              |
|-------------------------|--------------|
| AWS SDK                 | Intermediate |
| Git                     | Advanced     |
| TeamCity                | Advanced     |
| OAuth                   | Intermediate |
| XUnit                   | Advanced     |
| Adobe Analytics         | Intermediate |
| Nginx                   | Intermediate |
| Classic ASP             | Advanced     |
| Other tools             |              |
| Reflector               | Advanced     |
| dotPeek                 | Advanced     |
| Postman                 | Advanced     |
| Apache JMeter           | Intermediate |
| Neural Networks         | Intermediate |
| Machine Learning        | Intermediate |
| Collaborative filtering | Intermediate |
| Azure Devops            | Intermediate |

## Selected Projects

|                     |                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 considered to 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 TL, 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 2020 – Mar 2023                                                                                                                                                                                        |

## The Circuit

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Industry            | Medicine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Project Description | <p>The National Defibrillator Network</p> <p>Defibrillators CRUD + services.</p> <p>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.</p> <p>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.</p> <p>Although NHS Ambulance Services already have defibrillator databases for their area - The Circuit will connect them together to provide a single national view.</p> |
| Position            | Middle back-end software developer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Overall Team Size   | 2 developers, 1 TL, 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 - Sep 2020                                                                                                                                                                                           |

## iHub

|                      |                                                                                                                                                                                                                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Industry             | Civil Engineering                                                                                                                                                                                                                                                                           |
| Project Description  | Integration Platform<br>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 TL, 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 TL, 4 developers, 1 BA, 2 QA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Responsibilities     | <p>System maintenance, functional development, global refactoring, re-architecture, code review, implementing features, solution level design, mentoring, deployment.</p> <p>Improving automated testing from CI/CD.</p> <p>Knowledge database updates.</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> |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Period               | Oct 2017 - Dec 2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## Pharma 360

|                      |                                                                                                                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Industry             | Medicine                                                                                                                                                                                                                                                    |
| Project Description  | <p>Pharma Dashboards Web Application</p> <p>Web system that aggregates disease data, allows search across these diseases and their synonyms, shows Tableau dashboards related to that data.</p>                                                             |
| Position             | Middle software developer                                                                                                                                                                                                                                   |
| Overall Team Size    | 1 TL, 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                                                                                                                                                                                                                                                                                                             |
| <b>Citeline</b>      |                                                                                                                                                                                                                                                                                                                                 |
| Industry             | Medicine                                                                                                                                                                                                                                                                                                                        |
| Project Description  | <p>Medical Business Intelligence System</p> <p>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.</p> |
| Position             | Junior software developer                                                                                                                                                                                                                                                                                                       |
| Overall Team Size    | 5 developers, 1 TL, 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            | <p>United Kingdom</p> <p>United States</p>                                                                                                                                                                                                                                                                                      |
| Period               | Oct 2016 - Oct 2018                                                                                                                                                                                                                                                                                                             |

## Recommendations

### Arun Dahar

|          |                                            |
|----------|--------------------------------------------|
| Position | Development Manager at Sea/ by Maritech    |
| Email    | arunlisad@gmail.com                        |
| Date     | August 7, 2019                             |
| Details  | Nikolay worked with Arun in the same group |

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.

#### Reference

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         |
| Email    | wknoxwalker@gmail.com         |
| 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      |
| Email    | elmore_tom@hotmail.com                    |
| 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.