


Kiryl Volkau

Software Engineer

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C#, F# JS, SQL

PROFILE SUMMARY

I am a passionate Software Engineer with a deep dive into the .NET (and a willingness to dig into new platforms). My most important skills include eagerness to learn, a comprehensive approach to problem-solving, and great teamwork. Moreover, I really like automating processes (sometimes too much). My hobbies include volunteering, chess, and reading.

SKILLS

Technologies and frameworks:

Main : ASP.NET Core, Entity Framework Core, Azure, xUnit (+Specflow), MSSQL, Git, Docker, Linux

Secondary : Nginx, MSSQL, Redis, Snowflake

In progress/interests: System design, Rust, functional programming

Languages: English(C1), Belarusian(native), Russian(bilingual), Polish(B1-B2)

EDUCATION AND CERTIFICATION

Warsaw University of Technology - WUT, MiNI, Warsaw (Poland)

BE in Computer Science, October 2018 - February, 2023 (Expected)

BSU Lyceum, Minsk (Belarus)

High school diploma in Physics, September 2016 - June, 2018

.NET AsyncExpert by Dotnetos, Online (<https://asyncexpert.com>)

In progress - 50 % complete

MOOC courses, Online

If I need a deep dive into the concept I go and read a book. However, if I need to get a hands-on experience I usually go and watch a course. At the moment, I've completed courses on Docker, Kubernetes, ASP.NET and several Python courses. Currently enrolled in courses from Airflow and Snowflake.

WORK EXPERIENCE

Software Engineer at *Allegro Pay*

Jan 2022 - current

Working on a high-load data platform for analytics (data mesh), developing an infrastructure to improve the quality of the events.

Technologies:

- *General* - .NET 6 (C#/F#), ASP.NET Core, Azure DevOps, Azure EventHub

- *Additional* - Roslyn (.NET Compiler SDK), Dapper, xUnit, Snowflake, JsonSchema

.NET Developer at *Inspeerity*

Feb 2021 - Jan 2022

Outcomes:

- proposed and then implemented several business-critical features

- analysed and reported results of 50+ partners' APIs

- developed an inner-company pipeline for self-evaluation

Technologies:

- *Backend* - ASP.NET Core 3.1

- *Cloud / DevOps* - Docker, Azure, nginx

- *Databases* - EF Core, Redis, MariaDb, MSSQL

- *Testing* - xUnit, Mock, Specflow

Junior Backend Developer at *Magetoolkit*.

Sep - Nov 2020 Tasks:

- Writing service in Node.js (Express.js), unit testing.

- Configuring CI/CD pipelines with Docker and TravisCI, Nginx configuration.

- Configuring and creating Proof-of-Concepts for Databases: Postgres, MongoDB, Redis

**LEADERSHIP
AND AWARDS**

- Volunteer (in-person) at the Lambda Days 2022 conference.
- Co-organizer of Social Technology Hackathon 2020 aimed at creating solutions to insure fair presidential elections in Belarus. The hackathon was online, with 400 participants and 15 projects at the end, 4 of which gained a country-wide acceptance.
- Active participant of several human rights and social organisations established in Belarus after presidential elections 2020. Mostly technical support, team management and process automatization (bots, web scrappers, APIs).
- Debating Judge and debating tournaments participant in 2016-2018. Was selected to represent Belarus on World Scholar's Cup in 2017 (selected country: Australia).