


Kiryl Volkau

Software Engineer

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C#, F#, Rust, SQL

SKILLS

Technologies and frameworks:

Programming languages: C#, F#, Rust, SQL, JS

Main: .NET 6, ASP.NET Core, EF Core, Dapper, Azure, xUnit, Git, Docker, Linux

Secondary: Nginx, MSSQL, Redis, Snowflake, Prometheus, BDD

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

Languages:

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

WORK EXPERIENCE

Software Engineer (.NET) at *Allegro Pay* Jan 2022 - current

Designing and implementing functionality for the event validation during its whole life cycle on the state-of-the-art Data Mesh.

Technologies:

- *General* - .NET 6 (C#/F#), ASP.NET Core, Azure DevOps, Azure EventHub
- *Additional* - Roslyn (.NET Compiler SDK), Dapper, xUnit, Snowflake, JsonSchema, Prometheus

Software Engineer (.NET) at *Inspeerity* Feb 2021 - Jan 2022

Worked on two big projects from a single client: integration with multiple point-of-sales and different courier delivery services.

- proposed and then implemented several business-critical features
- analysed and reported results of 50+ partners' APIs (integrated 10)
- developed an inner-company pipeline for self-evaluation

Technologies:

- *Main:* ASP.NET Core 3.1, EF Core, xUnit, Redis, Docker
- *Additional* - Azure, nging, MariaDb, MSSQL

Software Engineer at *Magetoolkit*. Sep - Nov 2020

- Wrote service in Node.js (Express.js), unit testing.
- Configured CI/CD pipelines with Docker and TravisCI, Nginx configuration.
- Configured and tested databases for the required business scenario: Postgres, MongoDB, Redis

EDUCATION AND CERTIFICATION

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

BE in Computer Science

BSU Lyceum, Minsk (Belarus)

High school diploma in Physics

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

In progress

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.

LEADERSHIP AND AWARDS

- Currently a student at an approximately one-year educational program about human rights
- 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 (not governmental one, though).
- 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.