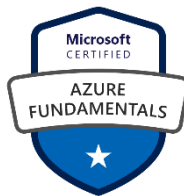# ANDRII SIRIAK

Ukraine, Dnipro
siriak.com
siryaka@gmail.com

A software engineer and computer enthusiast, who works with a wide range of technologies. Aimed at delivering the best solution in the shortest time possible to boost customer's business to the next level.

ACTIVITIES

- **Creating software products that make lives better.** Some of my favorites are clipboard-image-saver, boinc-load-balancer, and temperature-frequency-balancer. Check out my GitHub account for these and more at github.com/siriak.

- **Getting certified.** Successfully passed Microsoft exams AZ-204: Developing Solutions for Microsoft Azure and AZ-900: Microsoft Azure Fundamentals.

- **Contributing to free software cause.** A maintainer of repositories with algorithms and data structures which have more than 80,000 stars on GitHub in total. Some of them are github.com/TheAlgorithms/Java and github.com/TheAlgorithms/C-Sharp.

- **Giving tech talks.** To name a few, here is one about CORS and another one about API testing.

- **Reading books.** The latest one is Software Architecture in Practice, Fourth Edition.

- **Helping others grow.** Mentoring and knowledge sharing helps others reach their goals faster and helps me to grow professionally.

- **Learning languages.** Ukrainian (native), Russian (native), English (C1), and Chinese (HSK2).

WORK EXPERIENCE

SEPTEMBER 2021 – PRESENT
LEAD .NET SOFTWARE ENGINEER

OCTOBER 2020 – SEPTEMBER 2021
SENIOR .NET SOFTWARE ENGINEER

MARCH 2020 – OCTOBER 2020
MIDDLE .NET SOFTWARE ENGINEER

SOFTSERVE

- Set up Azure infrastructure with Terraform and Kubernetes
- Optimized heavy database queries to run up to 25 times faster
- Monitored project health metrics to guide refactoring activities
- Interviewed more than 30 external candidates
- Moved microservices from polyrepo to monorepo setup to speed up development cycle
- Introduced JMeter and Sitespeed for performance testing to satisfy quality attribute scenarios

JULY 2018 – JULY 2019
JUNIOR .NET SOFTWARE ENGINEER

SOLVVE

- Implemented medium-sized components interfacing with RabbitMQ and MongoDB
- Implemented Azure Functions that connected to Azure Service Bus and Azure Cosmos DB

JANUARY 2017 – JUNE 2018
FREELANCE SOFTWARE ENGINEER

- Won ₴20,000 for a Telegram bot developed at a hackathon
- Implemented ASP.NET Core apps with SQL Server

HIGHER EDUCATION

2020 — 2022
MASTER'S DEGREE WITH HONOURS

Oles Honchar Dnipro National University, Faculty of Applied Mathematics

2016 — 2020
BACHELOR'S DEGREE WITH HONOURS

Oles Honchar Dnipro National University, Faculty of Applied Mathematics

2019 — 2020
INTERNATIONAL STUDENT EXCHANGE PROGRAM

Aristotle University of Thessaloniki, Faculty of Sciences, School of Mathematics