

ARTSIOM TSERASHKOVICH

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EXPERIENCE

Adform

Software Engineer

Vilnius, Lithuania

Dec 2021 - Present

- Develop core services of [Demand side platform](#) and integrate it with 3rd party ad management systems ([Google ADX](#), [Magnite \(ex Rubicon\)](#));
- Perform analysis of team's processes, prepare POCs and drive initiatives within the team for improving Continuous Delivering pipeline which led to stabilize of service's releasing versions that was measured by MTBF and MTTR.

ASP.NET Core Akka (Scala) MongoDB Kubernetes Apache Kafka RabbitMQ ElasticSearch

JATO Dynamics (outstaffed via [Itransition Group](#))

Senior Software Engineer

Software Engineer

Vilnius, Lithuania; Minks, Belarus

Aug 2021 - Nov 2021

May 2019 - Aug 2021

- Develop ETL data pipelines that transform **TBs** from heritage system of historic data to **graph** representation into a cloud **worldwide distributed** database that helps company to achieve **the global goal** of providing new SaaS business model;
- Prepare design architecture (C4 diagrams) of features (up to 40 man days) for a team with 6 members and built core services (up to **50K RPS** per service) that are used by **main** company products ([Web API](#), [WLTP Link](#), [Code Link](#), [Volumes](#), [Specification](#), [Analysis and Reporting](#));
- Analyze and tune performance of critical parts - e.g. introduce **write-through caching** in processing flow for previous processed relations within the same data partition which led to **the decreased average time of upserting** of new relations into graph database by **2-3 times**;
- Increase matching success rate by **15%** of service that processes **100K records per day** from external data sources with internal data by redesign matching pipeline and regex expressions.

Azure Function ASP.NET Core Apache Spark React Azure CosmosDB (SQL, Gremlin) Azure Search

Itransition Group

Software Engineer

Software Engineer (part time)

Minks, Belarus

Feb 2019 - May 2019

May 2018 - Feb 2019

CRM integration service

Design and develop service to synchronize clients data between Hubspot and on-primes CRM systems for [Bureau Ltd.](#)

ASP.NET Core AWS MSSQL

Platform-Centralized Health Information System

Prepare Design architecture of components and develop system for the medical clinic that integrates with [the government health information system](#).

ASP.NET Core React FHIR AWS PostgreSQL

Employee Management System

Maintain and contribute new features to employee internal system that managing of employees' information.

ASP.NET MVC MSSQL Kubernetes jQuery

EDUCATION

Master's degree in **Software Engineering** at **Vilnius University**

2020 - Expected 2022

Thesis: "Profile-based workload scheduling algorithm for heterogeneous cluster of 3D printers"

GPA: ?/4 (?/10)

Bachelor's degree, **Engineer of computing machines** at **BSUIR**

2016 - 2020

Final project: "[Monitoring system for FDM 3D printer](#)"

GPA: ?/4 (?/10)