

Vitalii Konchyts

Lead Software Engineer

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About Me

Hard-working and result oriented person.

Enjoy working with complex software products.

Eager for new challenges and constant development.

Qualifications

- **Data engineering:** Airflow, Python, AWS Athena, BigQuery, Kafka
- **Web:** Python, FastAPI, JavaScript, TypeScript, React
- **Containerization:** Kubernetes, Docker, EKS
- **Common:** AWS, GCP, Terraform, SQL

Experience

GR8 Tech

<https://gr8.tech/>

Lead Data Engineer

May 2022 – present

GR8 Tech is a global product company that provides innovative, scalable platforms and business solutions for the iGaming industry. GR8 Tech develops complete tech coverage for gambling businesses worldwide, including iGaming platform solutions, consulting, integration, and long-lasting operation services.

Achievements:

- Is responsible for the technical solution of the core data platform team;
- Implemented DSL for implementation of Athena Table Permissions based on Terraform;
- Implemented DSL for implementation of Row-Level Security based on AWS;
- Designed and implemented API service with UI for real-time data updates from company operators;
- Participated in design and implementation of RnD projects: recommendation platform based on distributed systems architecture with strict requirements: 1200 rps and 200ms latency;
- Participated in creation of GR8 Tech Academy Data Engineering stream, was core lecturer;
- Leadership of 6 people.

Technologies: AWS, Airflow, Python, FastAPI, Kubernetes, Terraform.

Achievements:

- Designed and implemented a data processing platform based on Airflow and AWS instead of legacy DWH based on NiFi and PostgreSQL;
- Implemented DSL for implementation of Transforms in ETL based on AWS Athena;
- Implemented everything-as-a-code;
- In the team, we completely reworked the existing architecture due to rapid business changes.

Technologies: AWS, Airflow, Python, Kubernetes, Terraform.

GR8 Tech

<https://gr8.tech/>

Senior Data Engineer

June 2021 – April 2022

SoftServe

<https://www.softserveinc.com/>

Lead Data Engineer

June 2021 – October 2021

SoftServe is a digital authority that advises and provides at the cutting-edge of technology. SoftServe reveals, transforms, accelerates, and optimizes the way enterprises and software companies do business. With expertise across healthcare, retail, energy, financial services, and more, SoftServe implements end-to-end solutions to deliver the innovation, quality, and speed that our clients' users expect.

Achievements:

- Designed and implemented data processing pipelines for one of the biggest household appliances company in the world;
- Consolidated variety analytics data (GA, Facebook) into data warehouse;
- Leadership of 4 people.

Technologies: GCP (BigQuery), Airflow, Python, Terraform, Terragrunt.

Achievements:

- Designed and implemented data processing pipelines for one of the biggest household appliances company in the world;
- Consolidated variety analytics data (GA, Facebook) into data warehouse;

Technologies: GCP (BigQuery), Airflow, Python, Terraform, Terragrunt.

SoftServe

<https://www.softserveinc.com/>

Senior Data Engineer

October 2020 – May 2021

Kepler is an autonomous, wholly-owned subsidiary of GIC, the sovereign wealth fund of Singapore. GIC has over 1,400 employees managing well over \$100B in assets. Purpose of Kepler is to disrupt traditional investment strategies, launch joint ventures, invest in start-ups, and develop proprietary products that we believe can have an order of magnitude impact on billions of dollars of capital.

Achievements:

- Designed and implemented of numeric & machine learning computing environment for financial forecasting and stock market investing;
- Integrated popular Python & R data science packages into one platform based on RPC;
- Implemented internal platform for scientists and analysts to work with researches;
- Leadership of 3 people.

Technologies: AWS (Lambda, Aurora, Redshift), Python, FastAPI, Pandas.

KeplerFi

<https://www.linkedin.com/company/kepler-fi/>

Software Engineer

November 2019 – October 2020

Kunai

<https://www.kunaico.com>

Software Engineer

February 2018 – November 2019

Kunai Consulting is a digital product consultancy that provides clients an all-in-one solution for workshopping, building, launching, and maintaining digital products. It aims to enable our clients to deliver innovative digital products relevant to the fast-paced nature of the new digital economy. Kunai's team of experts turn client concepts into market-ready products through a flexible and holistic approach to development and product management.

Achievements:

- Implemented DSL for parallel running DAG of tasks based on Celery;
- Implemented the API of document recognition platform for one of the Big Big Four accounting firms (Ernst&Young);
- Implemented DWH for Enterprise Influencer Marketing Platform;
- Helped frontend team implementing easy tasks

Technologies: Python, Flask, AWS (EKS, Redshift, Lambda), Kubernetes, Celery, Angular.

ReligionPeace

<https://religionpeace.com>

Software Engineer

ReligionPeace is a social information network. The purpose of ReligionPeace is to encourage intercultural, interreligious, and international tolerance that will become the impetus for breaking down stereotypes and will stop the war of beliefs.

February 2017 — February 2018

Achievements:

- Implemented complex API backend service of the social network;
- Implemented complex algorithms to compute large amounts of data with lowest latency.

Technologies: Python, Django, Django REST Framework, PostgreSQL, Docker, AWS.

CityScale

<https://www.cityscale.com.ua>

Software Engineer

May 2016 — January 2017

CityScale is an information portal that provides residents and professionals with convenient access to data on various living conditions, such as: housing costs, utility rates, crime, ecology, infrastructure and others, in the form of interactive maps, files and data resources.

Achievements:

- Implemented scripts for data extraction from maps using OpenCV;
- Implemented scripts for data analysis and cleaning from outliers;

Technologies: Python, NumPy, Pandas, OpenCV, matplotlib.

Education

Lviv Polytechnic National University

Master's degree, Applied mathematics

2014 - 2019

Languages

Ukrainian: native, English: fluent, Russian: fluent