

Способы связаться

kolosov4dev@gmail.com

www.linkedin.com/in/pixl4tech
(LinkedIn)

kolosov.dev (Personal)

Основные навыки

Python (Programming Language)

Back-End Web Development

Airflow

Languages

English (Professional Working)

Russian (Native or Bilingual)

Certifications

SAS Platform Administration Fast
Track

Dmitrii Kolosov

Software Engineer at Semrush | Python

Барселона, Каталония, Испания

Общие сведения

Software Engineer with 8+ years of software development experience in finance, marketing, and telecom industries. Have a broad range of tech experience in software development, data engineering with a strong focus on creating reliable and scalable IT solutions that provide business value.

Technical skills include:

Back-end Engineering with Python stack (asyncio, Flask, FastAPI, SQLAlchemy), RESTful API, OpenAPI.

Data Engineering with Airflow, SQL, Postgres, Clickhouse, Oracle, MongoDB, and SAS.

DevOps implementation experience using Gitlab CI\CD, Docker, k8s, Bitbucket, TeamCity, and Grafana.

Cloud skills with Google Cloud Platform, Terraform, and Kubernetes.

Опыт работы

Semrush

2 года 2 месяца

Data Engineer

января 2024 - Present (10 месяцев)

Barcelona, Catalonia, Spain

- Responsible for designing and implementing data pipelines to build predictive traffic analytics models.
- Worked with data-intensive pipelines (daily data processing) and closely collaborated with backend API services (gRPC).
- Implemented new data processing pipelines that operate several times faster than previous versions. This improvement reduced data processing costs and enabled regular data delivery to the product, achieving a fourfold increase in speed.
- Teamwork with data scientists, data engineers and QA-engineers

Backend Developer

сентября 2022 - июля 2024 (1 год 11 месяцев)

Barcelona, Catalonia, Spain

Working as a backend engineer with the data team at the marketing research unit. My key responsibilities include:

- Implementing software development processes using Google Cloud Platform and Terraform
- Developing API services for marketing research and huge data processing using Python 3.10+, Asyncio FastAPI, gRPC, SQLAlchemy, and Pandas
- ETL processes with Cloud SQL and Apache Airflow (Cloud Composer)
- Implementing DevOps automation pipelines using GitLab, Kubernetes, and Docker
- Working with monitoring tools such as Prometheus and Grafana.

KOLOSOV

Kolosov.dev / Web Developer / Consultant

января 2022 - сентября 2022 (9 месяцев)

Tbilisi, Georgia

Worked with different clients as a Software Engineer. Provided software development and consulting services as a contractor.

- Designed productive backends with a set of API-services (Python 3.9+, FastAPI, SQLAlchemy)
- Developed front-end SPA using Vue.JS (Vuex)
- Implemented DevOps automation pipelines. (Used Github, Kubernetes, Docker)
- Created practise-orient tech articles about engineering expertise.

SAS

6 лет

Tech Consultant / Backend Engineer

января 2018 - 2022 (4 года)

Moscow, Moscow City, Russia

Worked at SAS as a Software Engineer. Implemented backend services using python and integrated data for analysis in SAS Software.

TOP-3 RU Bank (RWA Calc project)

- Designed architecture of the microservices for backend web applications (Python 3.9+, flask, SQLAlchemy).
- Implemented DevOps automation pipelines. It reduced the time for delivering changes to production by 2 times.

- Mentored 3 Junior Python developers, training them to work independently and acquire technical skills.

Top-3 RU Telecom company SAS MDM (Oct 2020 - Sep 2021)

- Implemented dev automation using Docker, Gitlab CI\CD, and other DevOps tools.
- Implemented Data Integration processes for load data to the DWH TOP-10 RU Bank IFRS Calc (Sep 2018 - Sep 2019)
- Implemented a production system for calculating IFRS 19 indicators, which allowed the bank's business to move away from manual calculation of indicators in Excel.
- Implemented dev automation using Docker, Gitlab CI\CD, and other DevOps tools. it is possible to reduce the time for delivering changes to production by 3 times.
- Designed and coded a Rest API Service for managing the IFRS Calc in Python (flask, Openapi, SQLAlchemy, Postgres).

Junior Consultant / Backend Engineer

сентября 2016 - января 2018 (1 год 5 месяцев)

Moscow, Moscow City, Russia

Worked at SAS as a Junior Backend Engineer. Developed ETL pipelines and backend components using Python, SAS Software.

TOP-3 RU Bank (Sep 2016 - Sep 2018)

- Worked with Anchor Modelling (6NF) methodology for stored calculation input data.
- Implemented ORM functionality for backend with using the anchor data model (Anchor Modelling 6NF).
- Created a Rest API Service for managing the RWA Calc in Python (flask, anchor ORM).
- Designed and implemented an API service for managing business settings files. (SAS STP, Python 3.6+, werkzeug)
- Developed Data Management processes (SAS DI & Oracle) for building the solution data mart (SAS RRM).

Intern / Junior Consultant

февраля 2016 - сентября 2016 (8 месяцев)

Moscow, Moscow City, Russia

Worked at SAS as a Junior/Trainee Software Consultant.

TOP-3 RU Bank (Sep 2016 - Sep 2018)

- Worked with Anchor Modelling (6NF) methodology for stored calculation input data.
- Implemented ORM functionality for backend with using the anchor data model (Anchor Modelling 6NF).
- Created a Rest API Service for managing the RWA Calc in Python (flask, anchor ORM).
- Designed and implemented an API service for managing business settings files. (SAS STP, Python 3.6+, werkzeug)
- Developed Data Management processes (SAS DI & Oracle) for building the solution data mart (SAS RRM).

Образование

Finance University under the Government of the Russian Federation
Master's degree, Computer Science (Smart in the Financial and Economic Sector) · (сентября 2017 - июля 2019)

Finance University under the Government of the Russian Federation
Bachelor's degree, Computer Science (Applied Informatics in Economics) · (сентября 2013 - июля 2017)