

Ilnur

Data Engineer

A multifaceted, collaborative T-shaped universal soldier with strong technical knowledge, self-management skills and 6+ years of experience.

Work experience

Data Engineer — [Coins.ph](#) Manila, Philippines

From April 2021 to March 2023

- Implemented batch and streaming Spark applications written in Scala with Databricks.
- Reduced cost of the computational layer of the data platform by 20% by implementing cluster optimization techniques (optimizing node types, amount of workers, disk provisioning, auto scaling policies, etc.).
- Reduced time-to-production for data applications by rewriting from scratch core templates for Scala and Python modules. Increased fault tolerance of the codebase against runtime errors and significantly increased test coverage. This led to increased reliability of the data platform.
- Configured CI/CD for data projects by implementing new workflows and optimizing existing ones.
- Configured and deployed a new orchestration tool Dagster for managing data pipelines to substitute existing monolithic Airflow approach.
- Configured and deployed Rudderstack for managing client web/mobile events.
- Improved data governance across organization (data modeling, data quality, data security).
- Implemented integrations with third-party services.
- Implemented several analytics dashboards with Metabase.

Software Engineer — [Provectus](#) Palo Alto, California

From June 2018 to April 2021

Involved in various projects within the company, one of which is OSS product Hydrosphere.io.

- Implemented data pipelines with Kubeflow/Metaflow orchestrators.
- Contributed to the core platform services written in functional Scala.
- Implemented client CLI/SDK interfaces in Python.
- Implemented integration solutions and PoCs with third-party platforms.
- Managed the infrastructure for the product.

Other company's projects included:

- Set up the infrastructure for various machine learning projects.
- Organized and conducted workshops and webinars about MLOps.

Software Engineer — [TGT Oilfield Services](#)

From May 2017 to June 2018

- Supported and developed different parts of the company's ERP system in Python.

Education

Master degree in Software Engineering — [Higher Institute of Information Technology and Intelligent Systems](#)

Programming Languages

Python, Scala, SQL

Deep understanding and extensive working experience.

Systems, Platforms & Tools

Data

PostgreSQL, MySQL, Databricks, Apache Spark, Apache Kafka, Metabase, Airflow, Dagster, Kubeflow

Infrastructure

Kubernetes, Docker, Helm, Terraform, Gitlab CI, Argo CD

Monitoring & Alerting

Grafana, Prometheus, Redash, PagerDuty

SaaS

Segment, Rudderstack, Appsflyer, Amplitude

Clouds

AWS

Broad experience with services: VPC, EC2, EKS, ECS, Kinesis, S3, Glue, Athena, IAM, SQS, SNS, Lambda, Route53, CloudWatch, CloudTrail, Sagemaker, etc.

GCP

General familiarity with the core services.

Certificates

AWS Solutions Architect Associate

Languages

English

C1 — Advanced

Russian

Fluent