

Nihad Azimli

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Experience

Data Engineer — Rollic Games (Zynga Company)

Jan 2021 — Present

- Developed data pipeline and part of ETL with Spark jobs in Databricks to aggregate data for BI reports (Looker) and Ad-hoc queries
- Designed and implemented migration of data pipeline for games' SDK data from AWS Kinesis to Apache Kafka, resulting in overall increase of performance and availability. Implemented producer part of Kafka in Golang. Monitored streams with Grafana and CloudWatch
- Migrated old SDK data from data lake to delta lake with Spark
- Developed AWS Lambda function for distributing load of video editing for social media ads. Developed backend part in Go. Improved processing speed more than 300%

Data Engineer — Getir

Sep 2019 — Jan 2021

- Developed Apache Airflow for periodic crons within 2 phases: First phase with Local Executor, second phase converting to Celery Executor
- Delivered new architecture for company logs using Python, AWS Firehose, AWS Athena, AWS S3, AWS Lambda and AWS Glue. Reduced AWS Athena costs by 200%. In research stage of converting AWS Athena to Presto
- Performed data migration for log data from MongoDB and AWS S3 to adopt all log data to recently developed architecture using Apache Spark, Python, AWS Lambda.
- Built customized JupyterHub in Kubernetes for data team common development environment.
- Building stream data processing pipeline using AWS Kinesis and Redis for live user sessions

BI and DWH Developer — TAB Food Investments

Sep 2018 — Sep 2019

- Developed reports with Qlik Sense and Qlik View for 2300 quick-service restaurants of Burger King in China and Turkey
- Implemented conversion from SQL SSIS to Apache Airflow to ETL processes
- Created new data sources with web crawling using Selenium and Python
- Developed Bamboo for continuous deployment of the company website

Education

Bilkent University, Ankara — BSc Computer Engineering

Aug 2014 — Aug 2018

- Honour student in fall semester 2015-2016
- Member of Institute of Electrical and Electronics Engineers (IEEE) student club

Senior Design Project:

- **Drector** a hybrid mobile application to keep track of drones and quadcopters in surroundings.

GitHub: <https://bit.ly/2BIMkpT>

News: <https://bit.ly/3dHHHKD>

Skills & Abilities

Platforms: Amazon Web Services, Microsoft Azure

Databases: RedShift, MongoDB, MySQL, DynamoDB

Programming Languages: UNIX Shell, Python, Java, Go

Data Tools and Services: Docker, Apache Airflow, Kubernetes, Apache Spark, AWS Athena, AWS Kinesis, AWS CDK, Ansible, AWS EKS, AWS Lambda, AWS CloudFormation, Apache Superset, Kafka, Grafana,

BI tools: Qlik Sense, Qlik View, Tableau

Languages

English - Fluent

Turkish - Native

Russian - Intermediate

Azerbaijani- Native

Honors & Awards

- Winner of the full scholarship for 5 years of undergraduate degree at Bilkent University, Ankara.
- Finalist of the Youth Leadership Program by the US State Department in Seattle, USA.