Artem Boiko
Lead Data Engineer

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Work experience

Badal.io (Toronto, Canada, full-time)
Jun 2022 - Current

Lead Data Engineer

Badal is an official Google Partner and of the Fastest Growing Toronto Tech Startups

Clients: Loblaws Digital, Scotiabank Canada

- Designing scalable and reliable architectures on Google Cloud Platform
- Development of Data Quality systems and deploying them in Google Cloud Platform
- Gathered software requirements, working with stakeholders and other team members
- Worked in cross-functional environment with Machine Learning and BI engineers
- Assisting Enterprise clients with migration of their systems, deployed in data centers, into Google Cloud Platform
- Leading Data Engineers, ML engineers, BI engineers with planning, designing and implementing systems inside Google Cloud Platform
- Developed internal best practices for working with dbt models, improved CI/CD processes around analytical model development
- Helping to improve software engineering practices across teams
- Worked on Data Governance and Data Management roadmaps for data platforms

Technologies: Java, Scala, Python, Google Cloud, dbt, Apache Airflow / Google Cloud Composer, Pub/Sub, Google BigQuery

Luxoft, a DXC Technology Company (Kyiv, Ukraine, full-time)
Jan 2021 - May 2022

Lead Software Engineer

Client: Nordstrom.com

- Support of existing Big Data Platform, core of the Nordstrom Analytical Platform (NAP)
- Participated in hiring pipeline, doing dozens of interviews
- Leading Senior and Junior engineers as part of the team leader
- Onboarded existing Nordstrom teams to Nordstrom Analytical Platform
- Participated in on-call duties and debugged core systems
- Development of new features to support Big Data Platform features, release of the new versions
- Debugged production issues with Apache Hadoop / Apache Spark cluster, fixing them in a timely manner
- Documented onboarding process to Big Data Platform, working with clients to understand their current needs

Technologies: AWS, Python, Apache Hadoop, Apache Hive, Terraform, Kubernetes

Hyper Core AB (Stockholm, Sweden, full-time)
Jan 2019 - Dec 2020

Senior Software Engineer / Data Engineer

Client: Spotify.com

- Working on Big Data systems, implementing new features and supporting existing systems
- Development and maintenance of Spotify systems used to generate reporting of royalties to music rights holders.
- Implemented Apache Beam / scio ETL jobs, deployed in Google Cloud, processing terabytes of data
- On-call support of these systems
- Development of backend features in Python 3 / Google Cloud Platform
- Participated in code review
- Ingested and aggregated data from both internal and external data sources to build our datasets for email and push messaging.
- Helped drive optimization, testing, and tooling to improve data quality and reduce bugs.
- Collaborated with other engineers, ML experts and stakeholders.
- Worked in a multi-functional agile teams to continuously experiment, iterate, and deliver on new product objectives.

Technologies: Java, Scala, Python, Apache Luigi, Apache Beam/scio, Google Cloud, Dataflow, Google BigQuery

Svitla Systems, Inc (Kyiv, Ukraine, full-time)
Feb 2016 - Jun 2018

Senior Software Engineer

Client: Ancestry.com

- Developed new features for Ancestry.com Shopping Cart and back-end systems
- Collected requirements, planned, tested and implemented new features
- Worked on migration from on-prem to Cloud Infrastructure (AWS, EKS)

- Researched, debugged, optimized and deployed changes in backend system to support high-load
- Assisted with implementing GDPR for front-end and back-end systems

Technologies: AngularJS, PostgreSQL, JavaScript, Python, Docker, Kubernetes, AWS

Education

International Scientific and Technical University named after Academician Yuriy Bugai, Kyiv, Ukraine
Bachelor in Computer Science