

Dimitar Dimitrov

Data Engineer

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Tartu, Estonia

Data Engineer with 3+ years of experience building data pipelines and processing datasets using Python, Spark, Scala, and Airflow. Background in large-scale web data extraction and automation. Comfortable working in distributed teams. Open to hybrid/remote roles in Estonia/EU (B2B possible).

Work Experience

Data Engineer

Apr 2024 - Present

SoftServe | remote

- Engineered and maintained production ETL pipelines in Scala and Spark processing multi-GB datasets daily, boosting reliability and slashing manual interventions through automated error handling and retries.
- Enhanced data quality and availability by deploying automated validation rules and real-time monitoring across ingestion and transformation layers, minimizing downstream errors.
- Debugged and optimized legacy pipelines, reducing daily processing time from 10 to 4.5 hours and improving stability for consumers.
- Collaborated with backend and analytics teams to deliver new datasets and schema changes.
- Authored comprehensive pipeline documentation- architecture diagrams, data lineage, runbooks, and troubleshooting guides.

Python Developer

Nov 2022 - Apr 2024

A Data Pro | remote

- Developed large-scale web scraping pipelines using Scrapy and Selenium, extracting structured data from websites, APIs, and document sources.
- Designed data cleaning and validation steps to ensure consistency before loading into downstream systems.
- Implemented proxy rotation, throttling, and anti-blocking techniques.

Core Skills

Programming & Data Processing: Python (Pandas, Scrapy, Selenium), Scala, Spark, SQL, Kafka

Orchestration & Cloud: Airflow, AWS (S3, EC2, Lambda, Athena, SQS, CloudWatch), Docker

Databases: PostgreSQL, DynamoDB, SQLite

Dev & OS: Linux, Git

Education

Trakia University

2014 - 2022

Medicine (incomplete)

Languages

Bulgarian (*native*), English (*proficient*)