Dmitrii DUBCHAK

DATA ENGiNEER

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# Summary

Senior Data Engineer in TOP 1 pharmaceutical company in the region. Current stack: MSSQL, Python, Apache Spark, AWS. 10+ years of experience in developing intensive applications in large companies, 3+ years of experience as a Data Engineer. Interested in developing better methods for solving complex problems, learning new technologies and tools. Knowledge of algorithms and data structures.

# Work Experience

**Amurpharmacy** *Russia*

**Senior Data Engineer** *april 2017 ‑ До н.в.*

* Implemented ELT in python to store a large volume of business information in AWS(S2, Redshift), which led to a 22 % reduc‑ tion in storage costs
* Rewrote ELT from python scripts to Apache Spark with execution on Amazon EMR, which led to a 24 % reduction in ELT runtime and a 12 % reduction in costs
* Designed and implemented a project for collecting, storing and processing data in AWS from temperature sensors in phar‑ macies, as a result of which it was possible to reduce the cost of destroying drugs by 85 %
* Built the full lifecycle of all corporate business intelligence in the company
* Worked with the business to collect business requirements, wrote technical documentation, and developed business intel‑ ligence functions to meet those needs
* Provided technical training, support, troubleshooting and training for business users
* DWH in MSSQL
* ETL in Python, Spark
* BI: Power BI

**Amurpharmacy** *Russia*

**Software Engineer** *april 2006 ‑ april 2017*

Projects:

* Bonus system. Managed by a team of 3 developers
* Bulk storage of medicines at the warehouse. Implemented automated testing of the system, which made it possible to deliver the project 15% faster (1 week ahead of schedule)
* Labeling of medicinal products. I wrote the main libraries that all developers of this project used
* Dynamic pricing in pharmacies. Engaged independent consultants to maximize the company’s profit
* Robot warehouse in the pharmacy. Collaborated with Spanish developers of the system for faster implementation
* Online pharmacy. Developed dashboards for marketers to better manage marketing promotions

**Police department** *Russia*

**SQL developer** *august 2004 ‑ april 2006*

* Collecting and Analyzing Data Using SQL from Oracle Database

# Education

**Amur State University** *Russia*

**Master‘s degree in Applied Mathematics** *1999 ‑ 2004*

* Faculty of Computer Science

VALERA DUBCHAK RESUME 1