

Alexandr Volok

Senior Python Data Engineer

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Delft, NL

Seeking a Senior Data Engineer / Platform Engineer role where my skills will improve client processes and contribute to the success of the team's DevOps journey.

alexvolok.com

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PRIMARY SKILLS

Azure	Databricks, Data Factory, Data Lake, EventHub, SQL DB
DevOps	GitHub, Azure DevOps, Terraform, PowerShell, Bash
Coding	Python, PySpark, SQL, C#
MS Stack	SQL Server 2000–2019, Power BI, SSIS, SSRS, SSAS

STACK

Azure Databricks / PySpark	95%
Python	95%
Relational Databases	95%
CI/CD / DevOps	85%
Kubernetes / Docker	85%
Linux / Scripting	80%
SQL (Spark SQL, T-SQL)	90%
Terraform (HCL)	80%
C#	65%

EDUCATION

DSAEU
Master's Degree
Accounting & Audit
2000 – 2005
Dnipro, Ukraine

WORK HISTORY

OCT 2023 – PRESENT

ASML

Senior Python Data Engineer (Freelance)

- Azure Databricks, EventHub, Docker, Kubernetes, WSL, Application Insights
- Python, PySpark, Pytest, HCL, Kusto SQL
- Azure DevOps, Terraform, Bash

MAR 2022 – OCT 2023

Ahold Delhaize

Senior Python Data Engineer (Freelance)

- Development of data processing frameworks using PySpark and Python
- Azure Databricks, ADLS, EventHub, Kafka
- GitHub Workflows, Terraform, Bicep

MAR 2021 – MAR 2022

ABN AMRO Bank N.V.

Senior Data Engineer (Freelance)

- Migration of legacy Teradata platform to cloud Data Mesh ecosystem
- Azure Databricks, Azure Data Lake, Apache Hive, Teradata
- Apache Airflow, Azure Data Factory – Python, PySpark, SQL

FEB 2020 – MAR 2021

Rabobank

Azure DevOps / Database Engineer (Freelance)

- Azure DevOps Pipelines – automation of deployments (Azure & On-Premises)
- Cloud migrations: Azure SQL Database, Data Factory, Storage
- PowerShell modules development; measurements and telemetry

JAN 2015 – DEC 2019

EXACT Software, Delft

Senior BI / Database Specialist

- Azure Data Lake, Data Factory, Azure DevOps, Databricks ingestion
- T-SQL, SSIS, SSAS Tabular, Power BI, PowerShell
- Modernisation of legacy BI solutions; technical DB consultations

DEC 2009 – JAN 2015

Levi9 / GroupM NL

Data Architect / Senior BI Developer

- Data warehousing design & development (Kimball, Data Vault)
- ETL processes design, implementation, tuning
- Technical lead of geographically distributed team

EARLIER EXPERIENCE

JAN 2008 – NOV 2009

DAXX / Mindshare.nl

Development DBA

- Query tuning and performance optimisation
- Logging & visualisation of process flow for mission-critical services
- Multi-terabyte data warehouse maintenance, optimisations, migrations

MAR 2007 – MAR 2008

AD Ukraine

SQL Server Database Administrator

- DBA: disaster recovery, performance optimisation
- SSIS: custom cross-enterprise replication
- SSRS: implementation as main reporting platform

FEB 2006 – MAR 2007

RUSH

SQL Server Database Administrator

- Performance monitoring, tuning, server installation & configuration
- Development of Integration Services and Reporting Services packages

CERTIFICATIONS

- 2023** Databricks Certified Data Engineer Professional
- 2022** Databricks Certified Data Engineer Associate
- 2022** Databricks Certified Associate Developer for Apache Spark 3.0
- 2021** Microsoft Certified Azure DevOps Engineer Expert (AZ-400)
- 2020** Microsoft Certified Azure Administrator (AZ-104)
- 2019** Microsoft Certified Azure Data Engineer (DP-200, DP-201)
- 2018** Microsoft Certified Solution Developer: App Builder
- 2016** Microsoft Certified Solution Expert: Data Platform (SQL Server 2016)
- 2014** Microsoft Certified Solution Expert: Data Platform (SQL Server 2014)
- 2013** Microsoft Certified Solution Expert: Business Intelligence
- 2013** Microsoft Certified Solution Associate: SQL Server 2012/2014
- 2012** Microsoft Certified Solution Associate: SQL Server 2008
- 2011** Microsoft Certified Technology Specialist: Database Development
- 2010** Microsoft Certified IT Professional: BI Developer (SQL Server 2008)
- 2009** Microsoft Certified IT Professional: DBA (SQL Server 2008)
- 2006** Microsoft Certified IT Professional: DBA (SQL Server 2005)
- 2006** Microsoft Certified Technology Specialist: SQL Server 2005