

# Alexandr Volok

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web site: [www.alexvolok.com](http://www.alexvolok.com)  
location: The Hague Area, NL

Date of Birth: 18 Sep 1983

**Objective:** Senior Data Engineer / Platform Engineer role in the project where my skills will improve the client's processes and contribute to the success of the team's DevOps journey.

## Work Experience

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2023 Oct - Present  
**ASML**  
**Senior Python Data Engineer (Freelance)**

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

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2022 March – 2023 Oct  
**Ahold Delhaize**  
**Senior Python Data Engineer (Freelance)**

- Development of data processing frameworks
- Tooling: Azure Databricks, ADLS, EventHub, Kafka
- Coding: Python, PySpark, PyTest, HCL
- DevOps: GitHub workflow and Terraform

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2021 March – 2022 March  
**ABN AMRO Bank N.V., Amsterdam**  
**Senior Data Engineer (Freelance)**

- Migration of a legacy Teradata platform to a cloud Data Mesh ecosystem
- Data Platform: Azure Databricks, Azure Data Lake, Apache Hive, Teradata
- Data Pipelines: Apache Airflow, Azure Data Factory
- Coding: Python, PySpark, SQL

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2020 Feb – 2021 - March  
**Rabobank, Utrecht**  
**Azure DevOps / Database Engineer (Freelance)**

- Azure DevOps Pipelines
- Automation of deployments (Azure and On-Premises)
- Cloud migrations – Azure SQL Database, Data Factory, Storage
- PowerShell modules development
- Measurements and telemetry (Azure Data Factory, SQL DB, Power BI)

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2015 Jan – 2019 Dec  
**EXACT Software, Delft**  
**Senior BI / Database Specialist**

- Azure Data Lake, Data Factory and Azure DevOps
- Azure Databricks: Ingestion and data cleansing
- Many hours of T-SQL/SSIS/SSAS TABULAR/Power BI/PowerShell
- Configuration and technical maintenance of SQL Server/BI environments
- Modernization and upgrade of legacy BI solutions
- Technical database-related consultations for internal development teams

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2009 Dec – 2015 Jan  
**Levi9 /GroupM NL, Kyiv/Rotterdam**  
**Data Architect (2011 July – 2015 Jan)/Senior BI Developer (2009 Dec – 2011 July)**

- Data warehousing – design, development (Kimball, Data Vault)
- Integration and loading of large amounts of data from various sources.
- ETL processes design, implementation, tuning
- Guidelines, policies, specifications
- Technical lead of a geographically distributed team

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2008 Jan – 2009 Nov	<b>DAXX/Mindshare.nl, Kyiv, Ukraine</b> <b>Development DBA</b> <ul style="list-style-type: none"> <li>• Query tuning and performance optimizations</li> <li>• Logging and visualization of a process flow for mission-critical services and common DBA Tasks</li> <li>• Multi-terabyte data warehouse maintenance, optimizations, migrations</li> </ul>
2007, March – 2008, March	<b>AD Ukraine, Kyiv, Ukraine</b> <b>SQL Server Database Administrator:</b> <ul style="list-style-type: none"> <li>• DBA: disaster recovery, performance optimization</li> <li>• SSIS: Custom cross-enterprise replication</li> <li>• SSRS: Implementation, usage as the main reporting platform for services health checks</li> </ul>
2006, Feb– 2007, March	<b>RUSH, Headquarter – Dnipro, Ukraine</b> <b>SQL Server Database Administrator:</b> <ul style="list-style-type: none"> <li>• Performance monitoring and tuning</li> <li>• Server Installation, configuration</li> <li>• Development of Integration Services packages</li> <li>• Development of Reports using Reporting Services</li> </ul>

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## Certifications

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2023	The Databricks Certified Data Engineer Professional
2022	The Databricks Certified Data Engineer Associate
2022	The 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
2011	Microsoft Certified Technology Specialist: Database Development
2010	Microsoft Certified IT Professional: BI Developer (SQL Server 2008)
2006-2009	Microsoft Certified IT Professional: Database Administrator (SQL Server 2005, 2008)

## Education

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2000-2005	DSAEU - master's degree – Accounting and audit
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## Primary Skills

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Azure: Databricks, Data Factory, Data Lake, EventHub, Azure SQL Database  
 DevOps: Github Workflows, Azure DevOps, Terraform, PowerShell, Bash  
 Coding: Python, PySpark, SQL, C#, ASP.Net MVC  
 Microsoft Data Platform: MS SQL Server 2000-2019, Power BI, SSIS, SSRS, SSAS

## Additional Skills

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DBA: data and platform migrations, high availability, clustering, AlwaysOn  
 Languages: English, Dutch (B1)  
 Driver license.