



# Lohvinenko Maksym

SENIOR DATA ENGINEER & DBA



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## PORTFOLIO

<https://www.mlohvinenko.dev/>

## SUMMARY

Highly skilled Data Engineer & DBA with over 11 years of experience delivering data-driven solutions across various industries, including healthcare, retail, telecommunications, and investment management. Expertise in database design, development, optimization, and data warehousing, with strong analytical and fast learning skills. Adept at leveraging cloud platforms such as Microsoft Azure and scripting languages like Python to automate processes and build efficient data architectures. Experienced in database modeling, T-SQL development, performance tuning, database migration, and reverse engineering. Proficient in designing and implementing ETL processes using SSIS and Azure Data Factory, and developing data visualizations and reports with Power BI, SSRS, and Telerik. Skilled in Azure Databricks and Azure Synapse development, and experienced with Azure DevOps configuration and Git maintenance. Passionate about continuous learning and staying current with the latest technologies, and experienced in working with large distributed teams.

Explore my detailed portfolio of projects at <https://www.mlohvinenko.dev/>.

## WORK EXPERIENCE

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|----------------------|--|
| 2022-02 -<br>present | <b>Senior Data Engineer &amp; DBA</b><br>Global Software Development Company <ul style="list-style-type: none"><li>Designed, developed, and maintained a data warehouse and automation system for investment management using Microsoft Azure, T-SQL, PowerShell, Python, and Azure DevOps.</li><li>Optimized database performance, automated ETL and data export processes, and implemented CI/CD pipelines for efficient development and deployment.</li></ul> |
| 2020-10 -<br>2022-01 | <b>Senior DB Developer &amp; DBA</b><br>SoftServe <ul style="list-style-type: none"><li>Developed a cloud-based data warehouse (Healthcare) on Azure SQL Database utilizing Azure Data Factory for data integration.</li><li>Leveraged Azure DevOps, Git, and Python for version control, collaboration, and scripting tasks.</li></ul>  |
| 2019-03 -<br>2020-03 | <b>Senior Database Developer</b><br>DB Best <ul style="list-style-type: none"><li>Optimized ETL processes and database design for a large US-based retail company, optimizing data flows and system performance.</li><li>Leveraged SQL Server, SSIS, Python.</li></ul>   |

## EDUCATION

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|-------------|--|
| 2007 - 2013 | <b>Master's Degree</b><br>NTUU "KPI", UKRAINE<br>Master's Degree in Computer Science (Control Systems and Technologies)<br>National Technical University "Igor Sikorsky Kyiv Polytechnic Institute", Ukraine |
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## PREVIOUS EXPERIENCE

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|----------------------|--|
| 2018-06 -<br>2019-02 | <b>DB developer</b><br>Diebold Nixdorf<br>Designed databases and ETL processes, developed reports (Retail) using SQL Server, SSIS, Python. |
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2016-10 - 2018-05	<b>DB developer &amp; DBA</b> SoftElegance Administered databases, optimized performance, developed reports (Power BI) for a branded corporate customer portal project.
2015-05 - 2016-09	<b>DB developer &amp; Project coordinator</b> CREDITEXPRESS GROUP Database design for Gamification project, development of DWH and shareholder's dashboard (Financial).
2013-10 - 2015-06	<b>Assistant Lecturer</b> NTUU "KPI", FACULTY OF BIOMEDICAL ENGINEERING Operation systems; theory of algorithms; object-oriented programming.
2014-10 - 2015-04	<b>Systems Analyst</b> AT CONSULTING Business analysis; business process modeling; telecommunication DWH; requirement analysis; migration procedures; functional (manual) testing; ETL design; data mapping.
2013-08	<b>DB developer &amp; DBA</b> CREDITEXPRESS UKRAINE Business analysis; requirements gathering; technical specifications; database design; reporting; web application; data modeling; performance tuning.

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## SKILLS

- **Database Management:** Microsoft SQL Server (all versions), MySQL, MariaDB, PostgreSQL, Oracle
- **Big Data and Analytics:** Azure Databricks, Delta Lake, Azure Synapse Analytics, PySpark, Power BI, SSAS
- **Data Warehousing & Modeling:** Dimensional Modeling, Data Warehouse Design and Development
- **ETL & Data Integration:** SSIS, Azure Data Factory, Python scripting for complex data manipulation
- **Business Intelligence & Reporting:** Power BI, SSRS, Report Development, Data Visualization
- **Database Performance Optimization & Tuning:** T-SQL Development & Optimization
- **Cloud Technologies:** Microsoft Azure Administration & DevOps (CI/CD with Azure DevOps)
- **Scripting Languages:** Python, PowerShell, Bash Scripting
- **Additional Skills:** Strong analytical and problem-solving skills, Excellent communication and collaboration abilities, Experience working in large and distributed teams