

# CURRICULUM VITAE

## Skills

<b>Azure</b>	Hands on experience in deployment, management and use of Azure resources including API Management, Data Factory, Function App, Logic App, Network, Synapse, SQL, Storage, Virtual Machines.
<b>Bicep</b>	Ongoing work with building IaC templates for further deployment using Azure DevOps.
<b>C#</b>	Used to create API Management APIs for receipt decompression and save on Azure blob storage.
<b>Databricks</b>	Used daily to process data ingested by Azure Data Factory. Used to execute Python or SQL notebooks designed to process data and serve to upper medallion layers.
<b>DevOps</b>	Used in managing and maintaining deployment processes of Data Factory, IaC and Databricks notebooks between environments.
<b>Git</b>	Used to source control IaC and Data Factory projects.
<b>Java</b>	Used in side projects to implement REST APIs using Spring Boot.
<b>Linux</b>	Used daily to enhance development. Used on several machines to host on-premises tools (e.g. MediaWiki server on SUSE).
<b>Medallion architecture</b>	Used in Data Lakehouse to process data from multiple sources (ETL/ELT pipelines, data from APIs) and deliver unified data to end user.
<b>Python</b>	Used daily to create Databricks notebooks for data processing as well as API consumption.
<b>PowerShell and Bash</b>	Both used to write scripts, on their respective platforms. Used to for example stress test APIs, probe APIs (when tools like Postman are not available), as well as consume CLI tools like Azure CLI.
<b>Spark</b>	Used to execute pipelines designed to convert large quantity of receipts (stored as JSONs on on-premises server) to parquet files which were later uploaded onto the Azure storage (as .zip files), used to load historical data into the Data Lakehouse.
<b>SQL</b>	Used daily to consume data stored on Data Lake within Databricks. Used to create views and stored procedures on Azure SQL and Azure Synapse for further SSRS consumption.

## Certifications and Microsoft Exams

<b>Certification</b>	<b>Issue Date</b>
Microsoft Certified: DevOps Engineer Expert	Ongoing
Google Cloud Certified Professional Data Engineer	27 <sup>th</sup> February 2023
Microsoft Certified: Azure Network Engineer Associate	14 <sup>th</sup> January 2023
Microsoft Certified: Azure Developer Associate	28 <sup>th</sup> January 2023
Databricks Certified Data Engineer Associate	16 <sup>th</sup> July 2022
Microsoft Certified: Azure Security Engineer Associate	23 <sup>rd</sup> December 2021
Microsoft Certified: Azure Fundamentals	19 <sup>th</sup> February 2020
MCSA: SQL 2016 Database Development	29 <sup>th</sup> November 2019
Microsoft Certified: Dynamics 365 Fundamentals	19 <sup>th</sup> June 2019

Exam title	Exam number	Passed date
Designing and Implementing Microsoft DevOps Solutions	AZ-400	Ongoing
Developing Solutions for Microsoft Azure	AZ-204	28 <sup>h</sup> January 2023
Designing and Implementing Microsoft Azure Networking Solutions	AZ-700	14 <sup>h</sup> January 2023
Microsoft Azure Administrator	AZ-104	22 <sup>nd</sup> October 2022
Microsoft Azure Security Technologies	AZ-500	23 <sup>rd</sup> December 2021
Microsoft Azure Fundamentals	AZ-900	19 <sup>h</sup> February 2020
Developing SQL Databases	762	29 <sup>h</sup> November 2019
Querying Data with Transact-SQL	761	6 <sup>th</sup> August 2019
Microsoft Dynamics 365 Fundamentals	MB-900	19 <sup>h</sup> June 2019

## Work Experience

<p>06/2019 – ongoing</p> <p><b>Cloud BI Engineer</b> Pure Company Sp. z o.o.</p>	<p><b>Tech stack:</b> Azure (API Management, CLI, Data Factory, DevOps, Function App, Logic App, Networking, SQL, Storage, Virtual Machines), Bash, Bicep, C#, Data Lake, Databricks, Git, Linux, Python, PowerShell, Spark, SSIS</p> <p>Main Client: Eurocash S. A.</p> <p>Data migration from on-prem to Azure Cloud:</p> <ul style="list-style-type: none"> <li>• Design and execution of Spark pipelines</li> <li>• Cost effective approach to minimize network cost and overall project expenses (Spark DF, Python)</li> <li>• Automated data transfer using Azure CLI and Bash scripts</li> </ul> <p>Migration of large Azure environment from CSP tenant to EA using 100% Infrastructure-as-a-Code (Bicep approach). Migrated instances included:</p> <ul style="list-style-type: none"> <li>• 20+ storage accounts</li> <li>• 15+ Databricks workspaces</li> <li>• 300+ Data Factory pipelines</li> <li>• Azure SQL DBs</li> <li>• VMs and other Azure PaaS services.</li> </ul> <p>Greenfield Azure project which required building from scratch whole infrastructure environment:</p> <ul style="list-style-type: none"> <li>• Design and implementation of PaaS network infrastructure</li> <li>• Design and implementation Data Lake Environment (Storage)</li> <li>• Design and Implementation data processing stack (ADF, Linked Services, Integration Runtime, Databricks)</li> </ul> <p>Monitoring and maintaining existing Azure environments:</p> <ul style="list-style-type: none"> <li>• Expanding current load data sources with API Management and Function App</li> <li>• Design and implementation monitoring for Azure Resources Utilization (Azure Functions, Logic Apps)</li> <li>• Maintaining Azure AD users and groups</li> </ul> <p>Network and security design in a new environment. Ongoing Azure project support from infrastructure side.</p>
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<p>03/2018 – 05/2019</p> <p><b>Microsoft Dynamics AX Developer</b> Netcompany Poland Sp. z o. o</p>	<p><b>Tech stack:</b> X++, MS SQL, C#, SSRS</p> <p>Main Client: TDC NET (Danish project)</p> <p>Managing work of junior developers on the project. Keep in contact with the client-side project manager to clarify requirements. Contact external data provider company regarding data transfer. New features development based on specification provided. Business consultant support on technical front. Development of printable reports based on data collected in Microsoft Dynamics AX 2012 R2 system. Integration with external FTP servers. New entities development in Microsoft Dynamics 365 for Finance and Operations project.</p> <p>Work areas: General Ledger, Account payable, Account receivable, Budgeting, Human Resources, Payrolls, Warehouse Management, Reporting</p>
<p>07/2016 – 02/2018</p> <p><b>Microsoft Dynamics AX Developer</b> ITMAGINATION Sp. z o.o.</p>	<p><b>Tech stack:</b> X++, MSSQL, C#, SSRS</p> <p>Main Clients: Ingram Micro Sp. z o. o, Metaltech, Trakcja PRKil</p> <p>New features development based on documentation provided by client. Business consultant support on technical front. Development of printable reports. Integration with external FTP servers.</p> <p>Work areas: General Ledger, Account payable, Account receivable, Budgeting, Human Resources, Payrolls, Warehouse Management</p>
<p>10/2014 – 06/2016</p> <p><b>Junior Microsoft Dynamics AX Developer</b> Asseco Poland S.A.</p>	<p><b>Tech stack:</b> X++, MS SQL</p> <p>Project: ZEFIR2</p> <p>New features development based on documentation provided by client. Bug fixing and client support on existing features.</p> <p>Work areas: General Ledger, Account payable, Account receivable, Budgeting.</p>

## Education

<p>10/2016 – ongoing</p>	<p>Warsaw University of Technology</p> <p>Master's degree, extramural Faculty of Electronics and Information Technology <b>Specialty:</b> Internet management support systems</p>
<p>10/2011 – 06/2016</p>	<p>Military University of Technology</p> <p>Bachelor of Computer Science Institute of Computer and Information Systems <b>Specialty:</b> System Engineering <b>Bachelor's thesis:</b> Design and implementation of application supporting the project scope in agile methodology</p>