



Mark Verheul

Consultant Azure Cloud & AI

This wave is huge, let's go and ride it all together!

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🌐 LinkedIn Profile

WORK EXPERIENCE

•Microsoft

Sep 2021 - Now

Consultant Azure Cloud & AI

Amsterdam

- Started in the Aspire program as a Data & AI consultant in the Netherlands, working on projects across Data Science, Data Engineering, and Infrastructure areas.

•Tommy Hilfiger

Sep 2019 - Oct 2020

Masterdata Specialist

Amsterdam

- Responsible for managing all product data input and flow through the e-commerce landscape, safe guarding data integrity and driving process optimization and automation.

MICROSOFT PROJECTS

•London Stock Exchange Group

IaC, Terraform, YAML, Gitlab

- As a DevOps Engineer at the London Stock Exchange, I led the deployment of infrastructure using Terraform through YAML pipelines, enhancing operational efficiencies. My role involved designing automation strategies and collaborating with teams to ensure alignment with regulatory standards.

•Imperial College London

Azure Data Factory, Azure Databricks, Logic Apps, Azure DevOps, Python

- As Tech Lead, I guided the integration of student data into Azure and Dynamics, enhancing the application functionality. My role involved orchestrating cross-functional teams and ensuring our efforts were in sync with client expectations for technical and architectural coherence. This approach led to a streamlined, user-centric solution, marking a significant step forward in system efficiency and reliability.

•Coca-Cola Hellenic

Azure Data Factory, Azure Event Hubs, Azure SQL, Azure Function App, Python

- Led the migration of Siemens MindSphere IoT data from CCH lines in Edestal and Shimatari to Azure, enabling advanced analytics and the development of Machine Learning models across various domains (energy, water, machinery). Also established the foundational framework and standards for Digital Twin in Manufacturing initiatives at Microsoft, setting a precedent for future projects.

•Haut Commissariat Des Nations Unies

Azure Synapse, SQL, Azure Logic Apps, Dataverse

- UNHCR Self Service Portal (MSDR): Developed a registration app for the UNHCR Self Service Portal within a new Dataverse environment, focusing initially on Ukrainian refugees. My role centered on integrating the DiiA application for secure retrieval of user identification documents, facilitating efficient and reliable refugee registration.
- UNHCR PoC: Resolved critical data querying issues by addressing a locking challenges within Dataverse, Azure Synapse Link, and Azure Data Lake Storage, enhancing data access and system reliability.

•First Bank of Nigeria

Azure Cognitive Services, Azure Bot Framework

- Implement a Conversational Artificial Intelligence Platforms (CAIPs) to build bespoke chatbot/virtual assistants to cater to a variety of use cases within the Financial Services Industry at various levels of sophistication.
- Architected a cloud-native Big Data Analytics Platform, enabling scalable ingestion of large, heterogeneous data sets for machine learning and advanced analytics applications.

•Shell

Azure Machine Learning, Github Actions, Python.

- Facilitated the deployment of Azure Machine Learning projects via CI/CD pipelines, integrating GitHub Actions for streamlined and automated model deployment.

EDUCATION

•University of Amsterdam, Amsterdam

2020-2021

M.Sc. Data Science

•Vrije Universiteit, Amsterdam

2013-2019

B. Sc. Information Studies

TECHNICAL SKILLS AND INTERESTS

Programming Languages: Python, SQL, YAML, Powershell, Bash, Terraform, HTML, Markdown

Tools: VScode, Git, Github, CI/CD pipelines, JIRA

AI & ML Domain: Regression, Classification, NLP, Large Language Models (LLM), Prompt Engineering

Cloud Technologies: Azure Databricks, Azure Synapse, Azure Data Factory, Fabric, Azure Cognitive Services, Azure DevOps, Azure Logic Apps & PowerApps, Azure Machine Learning, Azure OpenAI

Certificates: Azure AI Engineer (AZ-102), Azure AI Fundamentals (AI-900), Azure Fundamentals (AZ-900)

Soft Skills: Problem Solving, Creative Thinking, Teamwork, Leadership, Attention to Detail, Versatile, resilient