



Tommy de Jong

Azure Data & AI Platform Engineer | Microsoft Certified Trainer

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SKILLS

CLOUD & PLATFORM

Microsoft Azure Azure DevOps
Azure Kubernetes Service
Container Apps Key Vault
Azure Monitor Log Analytics
Virtual Networks Private Endpoints
Entra ID

INFRASTRUCTURE AS CODE & CI/CD

Terraform OpenTofu Terragrunt
Bicep ARM Packer Ansible
GitHub Actions GitLab CI
Azure Pipelines Helm

DATA & AI

Azure Databricks Unity Catalog
Lakebase Microsoft Fabric
Azure ML Azure AI Foundry
Azure OpenAI AI Search
Data Factory dbt Spark
Delta Lake Power BI

SECURITY & COMPLIANCE

Zero trust CIS hardening
Network hardening
Secret management
Identity and access
Unity Catalog governance
Security review and remediation planning

LANGUAGES & TOOLS

Python SQL Bash PowerShell
YAML Docker Kubernetes Git

WAYS OF WORKING

Agile / Scrum DevSecOps / GitOps
Technical training and coaching
Stakeholder management

CERTIFICATIONS

Microsoft Certified: Fabric Analytics Engineer Associate (DP-600) 2026
Microsoft Certified: Fabric Data Engineer Associate (DP-700) 2025
Microsoft Certified: Azure Solutions Architect Expert (AZ-305) 2025
Microsoft Certified: Azure Administrator Associate (AZ-104) 2025
Microsoft Certified: Azure Data Scientist Associate (DP-100) 2024

PROFILE

Freelance Azure data and AI platform engineer with 15+ years in cloud, data, AI and DevOps, of which 8+ years focused on Microsoft Azure. I design and build reliable, automated data platforms (Terraform, Bicep, Azure DevOps, GitHub Actions) that take AI and ML workloads to production at banks, the judiciary, education and retail, with security built in from the start. Microsoft Certified Trainer in Azure Data and AI. I like being the bridge between technical content and the business: hands-on, but with an eye for architecture and team dynamics.

EXPERIENCE

Azure & Databricks Technical Advisor, Acorn via Sep 2026 - Present TDJIT

Climate / carbon markets

Technical advisory on the Azure and Databricks platform of a company mid-migration from the Rabobank tenant.

- Performed an architecture and security review of the Azure, Databricks and OpenTofu platform, resulting in a prioritised report of 47 findings with owners, timing and effort.
- Findings covered CI/CD identity blast radius, private endpoints for storage, Unity Catalog isolation of dev access to production data, shared metastore roots, recovery, and approval gates on production deployments.
- Defined a migration path for a 55 TiB data lake and unified job orchestration into Databricks Asset Bundles; advised on dev access to prod data (revoke file access, isolate locations, pseudonymised gold layer).

Azure Databricks Unity Catalog OpenTofu GitHub Actions PostgreSQL
Container Apps Python

Lead Data Platform Engineer, YoungOnes via Aug 2026 - Present Humention

Retail / e-commerce data | Eindhoven area

Lead engineer on the JEDI recommendation stack on Azure and Databricks.

- Lead the serving layer of a real-time recommender: FastAPI on Azure Container Apps backed by Lakebase, synced from Delta tables in Unity Catalog.
- Own the Terraform for the serving platform and the Azure DevOps pipelines, including Databricks asset bundle deployments with environment approvals for production.
- Built observability on Log Analytics and a serving insights dashboard, and manage network access to the production API with IP allow-lists and Key Vault secrets.

Azure Databricks Lakebase Unity Catalog Container Apps Terraform
Azure DevOps Python FastAPI Streamlit Log Analytics

Microsoft Certified: Azure AI Fundamentals (AI-900) 2023
Microsoft Certified: Azure Fundamentals (AZ-900) 2023
Microsoft Certified: Azure Data Fundamentals (DP-900) 2022
Certified Kubernetes Application Developer (CKAD) 2022
Microsoft Certified: DevOps Engineer Expert (AZ-400) 2022
HashiCorp Certified: Terraform Associate 2021
AWS Certified Cloud Practitioner 2020
Microsoft Certified Trainer (MCT)
Splunk 7.x Fundamentals

LANGUAGES

Dutch (Native), English (Full professional (Cambridge C2, 208/210)), German (Limited working)

Azure AI Platform Engineer, IVO Rechtspraak

Jun 2025 - Jul 2026

via Bright Cubes

Government / judiciary | Utrecht

Platform engineer for AI solutions on Azure AI Foundry, AI Search and OpenAI models supporting the Dutch judiciary, in a zero trust environment.

- Architected and built the cloud components for the AI engineers (Azure AI Foundry, AI Search, OpenAI models, Databricks) so they could focus on the solutions.
- Designed the environment to be zero trust, highly secure and compliant with organisation standards.
- Triaged and remediated Microsoft Defender recommendations as the engineer building the platform, so that the environment met Defender and zero trust requirements by design.

Azure AI Foundry Azure AI Search Azure OpenAI Microsoft Defender
Databricks Azure DevOps Bicep Python

Cloud & DevOps Architect / Engineer,

Aug 2023 - May 2024

Onesurance.ai via TDJIT

Insurance / AI

Architected and engineered the DevOps and infrastructure platform that hosts Onesurance's machine learning models.

- Architected and built the platform that hosts the ML models in production, fully defined as code with Terraform.
- Worked with dbt for data transformation and gave dbt trainings to the team.

Azure Terraform dbt Python

Azure AI Data Platform Engineer & Technical Trainer, TDJIT

Aug 2023 - Present

Freelance | Tilburg

Cloud Solution Architect Data & AI, Rabobank

Jan 2022 - Jul 2024

via Bright Cubes

Banking | Utrecht

Key role in designing and engineering a cloud MLOps platform for data science teams across the bank.

- Designed and engineered an MLOps platform that deploys any machine learning model to multiple environments automatically, including code quality gates and data connections to the central data lake.
- Secured access to Databricks and the data lake as part of the platform design (private networking, identities, secrets in Key Vault), with a security first, zero trust approach.

Azure Machine Learning Databricks Azure Data Factory AKS Azure DevOps
Terraform Python Docker

Lead Cloud Solution Architect & Engineer, University of Amsterdam

Oct 2020 - Dec 2021

via Bright Cubes
Education | Amsterdam

Technical lead on a virtual research environment product for researchers and students, re-engineered to GitOps.

- Re-engineered the product from scripts wrapped in Azure Functions to a GitOps platform (Terraform with Terragrunt, Packer, Ansible, GitLab) deploying idempotent environments on Azure and AWS.
- Built security hardened OS images with Packer following CIS controls, for Windows and Linux.

Terraform Terragrunt Packer Ansible GitLab Docker Azure AWS Go

Tech Lead Cloud/DevOps/Security & Trainer, Bright Cubes Aug 2020 – Aug 2026

Consultancy | 's-Hertogenbosch

Technical heart of the management team of the Cloud/DevOps/Security unit.

- Built and coached the unit: organised workshops, trainings, webinars and one-on-one coaching so consultants reached their development goals.
- Interviewed candidates on technical skills and helped recruit; gave trainings on Terraform, Kubernetes and AKS.

DevOps Engineer, DHL via Bright Cubes Aug 2020 – Oct 2020

Logistics / e-commerce

Rancher and AKS platform for developers.

- Built a multi-node Rancher cluster on RHEL linked to AKS, automated with Terraform and Ansible, and coached developers on containerising Python and Scala applications.

Rancher AKS Terraform Ansible RHEL Docker

Principal Azure Engineer / IT Lead Specialist, Building Blocks Jun 2018 – Jul 2020

Data science / AI solutions

Responsible for the complete internal and customer-facing IT infrastructure of a cloud-native AI solutions builder, including its security.

- Built the fully scalable Azure and Kubernetes landscape for all internal infrastructure and client solutions, with Terraform, ARM and Azure DevOps.
- Responsible for the security of the complete internal and customer-facing IT infrastructure, working with Microsoft Defender, secrets in Key Vault and data pipelines with Data Factory over VNets; also cost management and the innovation roadmap.

Azure AKS Terraform ARM Azure DevOps Microsoft Defender Istio
Knative Cloudera Power BI SAP

IT Specialist, Building Blocks Jun 2017 – Jun 2018

Data science / AI solutions

Business Intelligence Consultant, Incentro Sep 2014 – May 2016

Telecom, healthcare, government

Business Analyst (graduate intern), Cognizant Feb 2014 – Aug 2014

via Rabobank

Banking

IT Consultant (intern), CleverIT Feb 2012 – Jun 2012

IT services | Eindhoven

EDUCATION

MSc Information Management, Tilburg University 2016 – 2018

Thesis: Big Data Architectures (Kafka, Spark, Flink, RabbitMQ)

BSc ICT & Business, Fontys Hogeschool Eindhoven 2009 – 2014

ADDITIONAL

- Workshop: Terraform on Azure (github.com/tommydejong/terraform-azure-workshop)
- Microsoft Certified Trainer: trainings in Azure fundamentals, AI, data engineering (Fabric, Databricks), solution architecture, Azure administration and Terraform.