

Márk Attila Czerna

DevOps Solution Architect

7+ years of experience in cloud infrastructure & DevOps engineering

czernamark@gmail.com

+36 70 606 5830

Debrecen, Hungary

linkedin.com/in/mark-attila-czerna-621516175



DevOps professional with 7+ years of experience designing, building, and scaling cloud infrastructure on Azure. Starting from Linux system administration, progressing through hands-on DevOps engineering, to an architectural leadership role — driving end-to-end cloud transformation across enterprise environments. My expertise spans Infrastructure as Code (Terraform, Bicep, ARM), CI/CD pipeline engineering, DevSecOps practices, and Azure-native solution design.

WORK EXPERIENCE

DevOps Solution Architect

Nilfisk

April 2026 – Present

- Architected and delivered infrastructure for multiple go-live projects, coordinating across engineering, product, and business stakeholders to meet critical launch milestones on time and at scale.
- Designed and standardised cloud infrastructure patterns using Terraform, Bicep, and ARM Templates — significantly reducing provisioning time and enabling consistent, repeatable deployments.
- Implemented DevSecOps practices end-to-end: embedding security controls, Key Vault integration, branch policies, and RBAC directly into the CI/CD lifecycle across Azure DevOps.
- Served as trusted technical partner and escalation point for multiple development teams — delivering hands-on guidance, architectural reviews, and workflow automation.
- Spearheaded the design and rollout of scalable Azure-native solutions leveraging Web Apps, Function Apps, SQL Databases, Redis Cache, CDN, and Storage Accounts.
- Contributed to organisational DevOps maturity by establishing best practices, documentation standards, and reusable pipeline templates adopted across multiple teams.

Azure DevOps Technical Lead

Nilfisk

August 2023 – April 2026

- Led governance of the entire Azure DevOps environment across multiple development teams — defining and enforcing security policies and access controls.
- Acted as primary decision-maker for resource allocation and infrastructure priorities across concurrent projects.
- Collaborated closely with engineering, product, and business stakeholders to align DevOps strategies with organisational goals.
- Served as the key escalation point for complex infrastructure, pipeline, and security challenges.

Azure DevOps Engineer

Nilfisk

September 2021 – August 2023

- Authored Infrastructure as Code using ARM Templates (JSON & Bicep) and Terraform for greenfield Azure projects.
- Built and maintained YAML-based CI/CD pipelines; configured branch policies with custom build tasks to enforce code quality.
- Managed release pipeline configurations across diverse platforms: Android, iOS, Umbraco CMS, and Angular.
- Worked daily with core Azure services: App Services, Function Apps, Storage Accounts, SQL Databases, Key Vaults, and APIs.
- Monitored application health and performance using Azure Application Insights.

DevOps Engineer

Voodoo Park Ltd.

May 2019 – May 2022

- Managed user provisioning, access control, and licence administration across multiple organisations.
- Created and maintained cloud resources across AWS, Azure, and Google Cloud Platform; authored ARM Templates for Azure infrastructure automation.
- Configured and managed CI/CD pipelines using Jenkins, Azure DevOps, and TeamCity across multiple concurrent projects.

- Contributed directly to development: delivering HTML/CSS hotfixes, building Vue.js web applications, and implementing fixes in Angular projects.

Linux System Administrator

IT Services Hungary Kft.

October 2017 – May 2019

- Managed a large-scale Linux server environment of 1,500+ servers — including Red Hat, Debian, Fedora, and CentOS distributions.
- Provisioned and configured servers, managed software repositories, applied package updates, and maintained firewall rules.
- Provided direct infrastructure support to application teams, ensuring system stability and minimising downtime.

EDUCATION

Engineering IT Specialist — University of Debrecen

2014 – 2021

IT System Administrator (OKJ certification)

2014 – 2016

Bessenyei György High School — Mathematics specialisation

2008 – 2012

TECHNICAL SKILLS

Cloud & Infrastructure

Azure · AWS · Google Cloud · VMware

Infrastructure as Code

Terraform · Bicep · ARM Templates (JSON)

CI/CD & DevOps

Azure DevOps · Jenkins · TeamCity · YAML Pipelines · DevSecOps

Azure Services

App Services · Function Apps · SQL Database · Redis Cache · CDN · Storage Accounts · Key Vault · Application Insights

Operating Systems

Red Hat 5/6/7 · Debian · Fedora · CentOS · Windows Server 2003–2012

Programming & Web

JavaScript · TypeScript · Vue.js · HTML5 · CSS3 / SCSS · MySQL

Tools & Environments

Visual Studio · WebStorm · NetBeans · Git

LANGUAGES

English — Fluent | **German** — Intermediate | **Hungarian** — Native