

# Christoffer Windahl Madsen

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## Profile

Technology, especially computers, has always fascinated me, and my passion has only grown with time and experience. While my journey began as a classical infrastructure engineer, I have evolved into an Azure DevOps and Azure expert, accumulating thousands of hours of coding experience. My curiosity and drive push me to continuously expand my knowledge, embracing new concepts and advancements in the IT field. I thrive on solving complex problems and enjoy working closely with customers to achieve shared project goals.

## Experience

### **AZURE-DEVOPS / AZURE-CLOUD / TERRAFORM EXPERT | AUTOMIZE | PRESENT**

During my last 2 years at Automize I have achieved a multitude of achievements in projects of different sizes and technology stacks. I am a consultant first, so my finest task is to always make sure I help the customer with their cloud needs which span wide:

- **Designed, led, and developed multiple Azure CAF landing zone platform projects** using Terraform and Bicep as Infrastructure as Code (IaC) tools.
- **Delivered in-depth customer workshops on complex Azure topics**, focusing on teaching technology concepts, leveraging Microsoft CAF assessments, and guiding customers through Azure decision-making. Additionally, conducted workshops where project handovers occurred to ensure smooth transitions.
- **Took responsibility** not only for the technical implementation of solutions but also for making critical architectural decisions at complex technical crossroads in projects.
- **Focused on strengthening the internal team** by fostering both technical understanding and continuous learning. Additionally, prioritized building efficient and well-functioning partnerships with colleagues, as I firmly believe that 'two minds think better than one.'

### **AZURE CLOUD SPECIALIST | TERRAFORM EXPERT | NETCOMPANY | FEB 2022-NOV 2023**

Shortly after successfully completing the Festina Project, I was once again assigned to another customer, Topdanmark, an insurance company that had sold its pension system to another bank. Netcompany was engaged as a partner to facilitate the migration and transition of an on-premises solution to Azure.

In my role, I defined Terraform coding standards and created reusable modules, providing support to over 200 application developers in the creation and use of standardized code for deploying Azure resources. Leveraging my over 7 years of Azure administrator experience, I not only managed deployments but also configured governance, security, specific Azure components, networking, automation, and various other aspects. On the technical front, I served as a technical lead, advocating for our chosen technologies and tools throughout the development cycle. I provided support to projects, guiding them in the efficient and secure utilization of these tools to create concise, securely connected, and maintainable resources in the Azure tenant and various subsets of Azure landing zones (Microsoft CAF)

## **OPERATIONS ENGINEER | NETCOMPANY | FEB 2022-NOV 2023**

I was a member of the Cloud Infrastructure team, comprising an 8-person team, responsible for overseeing all internal Azure tenants (200+) and subscriptions (300+). My role involved managing governance, security, operations, and development aspects.

After three months, I initiated the development of an Automation Framework in PowerShell, effectively addressing a significant challenge that had previously consumed thousands of hours annually on repetitive tasks. This framework drastically reduced the time required to complete all our operations tasks.

Designed, configured, and managed a comprehensive Azure DevOps organization utilized by the internal team. This included designing GIT flows, CI/CD processes, and implementing testing and quality assurance measures. Continued to enhance automation solutions and further developed my skills in DevOps. Designed, configured, and managed a framework built with PowerShell and Terraform for the automated deployment of necessary resources using automation, Infrastructure as Code (IaC), and Azure DevOps pipelines. Oct 2021 — Feb 2022 This solution completely standardized the process of preparing new tenants, subscriptions, management groups, and other types of resources related to governance, security, and operations.

## **Education**

**Data technician specializing in infrastructure, Tecnical Educational College (TEC) | 2016-2021**

**Gymnasium (HTX, Higher technical education)Hilleroed | 2010-2014**

**Exchange student in the USA | 2009-2010**

**Primary school | 1999-2009**

## **Certifications**

**AZ-104 (Azure Administrator)**

**AZ-500 (Azure Security)**

**AZ-400 (DevOps / Expert)**

**AZ-305 (Azure Architect / Expert)**

**Terraform (Associate)**