

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 CLOUD SPECIALIST | TERRAFORM EXPERT | IN AUTOMIZE PRESENT-NOVEMBER 2023

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:

- 1) **Designed, led, and developed multiple Azure CAF landing zone platform projects** using Terraform and Bicep as Infrastructure as Code (IaC) tools.
- 2) **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.
- 3) **Took responsibility** not only for the technical implementation of solutions but also for making critical architectural decisions at complex technical crossroads in projects.
- 4) **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.'
- 5) **Designed, configured, led and maintained multiple Azure DevOps organizations** from scratch. Defining everything from CI / CD pipelines, automation scripts, pullrequest git flow, GIT policies and helping the customer understand the DevOps way of working.

AZURE CLOUD SPECIALIST | TERRAFORM EXPERT | IN NETCOMPANY NOVEMBER-JUNE 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)

AZURE CLOUD SPECIALIST | TERRAFORM EXPERT | IN NETCOMPANY JUNE-JANUARY 2023

After several months as an Operations Engineer, I was asked to support an external project for Festina Finance. The project involved migrating a transaction-heavy workload to Azure, establishing a new Azure DevOps platform, and implementing the entire platform's resources in Terraform using CI/CD.

During the project, I was responsible for defining all Terraform- and pipeline-related code (YAML) and establishing coding standards. I also provided training and guidance to team members and the customer on their new Azure DevOps platform. The project was managed using two-week sprints, where we worked through the backlog and resolved issues related to the implementation and adoption of Azure.

OPERATIONENGINEER | IN NETCOMPANY

JANUARY 2023-FEBRUARY 2022

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.

Educations

Data technician specializing in infrastructure, Technical 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)