

# Tiamo Idzenga

CLOUD ENGINEER · ZAASTAD, NATIVE DUTCH CITIZEN

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## Work Experience

### De Nederlandsche Bank

Amsterdam, The Netherlands

CLOUD ENGINEER (FULL-TIME)

Feb. 2022 - Present

- Consulting DevOps development teams to develop on the public cloud as part of a Cloud Center of Excellence (CCoE, Gartner); internal knowledge sharing, accelerating cloud adaptation, improving quality of cloud infrastructure and automating processes
- Administering the cloud implementation based on Azure Landing Zones, hub-and-spoke topology, on-premises connected via ExpressRoute

### A&A Capacity

Zaanstad, The Netherlands

CLOUD ENGINEER (INTERNSHIP TURNED INTO FULL-TIME POSITION)

Sep. 2020 - Jan. 2022

- Wrote a bachelor thesis on cloud computing, performed research into system integration in on-premise and cloud environments and advised a cloud strategy to migrate business operations from BizTalk Server to Azure which attracted new projects and clients
- Developed internal template pack using the .NET Core Templating Engine to create boilerplate Azure applications (including Azure Pipelines CI/CD and ARM Template IaC solutions) modularly which reduced delivery times for clients by weeks
- Bore responsibility over operations: managing infrastructure, pipelines and Azure Monitor strategy to ensure high availability of systems
- Developed custom system integrations (e.g. between Dynamics 365 and other enterprise applications) for clients on the .NET and Azure stack
- Developed (automated) testing libraries for REST API's (using OpenAPI and Postman) and other applications and integrated them into pipelines

### Creative Skills

Zaanstad, The Netherlands

WEB DEVELOPER (PART-TIME)

Jul. 2019 - Jan. 2020

- Developed custom web applications, CMS and libraries for clients in the e-commerce sector using Laravel, Backpack and PostgreSQL

### Copernicus Interchange Technology

Schiphol, The Netherlands

WEB DEVELOPER (INTERNSHIP)

Feb. 2019 - Jul. 2019

- Developed a web application using Laravel and MySQL for a population screening performed by Amphia hospital as part of a PhD research publication by UMCG into kidney failure which prevented kidney transplantation and dialysis treatments in thousands of patients
- Implemented a secure environment separated from the internet for patient data utilising the protected KPN E-Zorg network

### GIN Masternode Platform

Bucharest, Romania

SOFTWARE ENGINEER (FREELANCE)

May. 2018 - Oct. 2018

- Developed a strategy in cooperation with the founders for a cryptocurrency service empowering investors looking for ROI to host masternodes in a few clicks for a monthly fee paid in our own cryptocurrency GIN
- Developed a MVP consisting of a back-end utilising K8s and Docker to spin up Linux VM's in DigitalOcean public cloud hosting masternodes within minutes and a front-end web application utilising the MEAN stack bringing our service to market within a month
- Launched an online community of over 500 investors, managing over a hundred shared masternodes worth up to \$500.000 in shared masternode investments for several cryptocurrencies; developed a Node.js back-end system to automate deposits and withdrawals

## Education

### Hogeschool Inholland

Haarlem, The Netherlands

B.SC INFORMATION TECHNOLOGY

2021

- Finished with thesis: "Modular System Integration Solutions in the Cloud", graded 8/10
- Minors: Cloud Computing & Security and User Experience Design (UXD)

## Certifications

May. 2022 **Microsoft Certified: Azure Administrator Associate, AZ-104**

Nov. 2021 **Microsoft Certified: Azure Developer Associate, AZ-204**

## Skills & Interests

<b>Azure</b>	Active Directory, RBAC, Governance, Virtual Network, Firewall, Load Balancers, Private Endpoints, VPN Gateway, DNS Virtual Machines, App Services, Backup, Key Vault, API Management, Functions, Logic Apps, Service Bus, Storage
<b>DevOps/Containers</b>	Azure CLI, Azure Pipelines, ARM Templates, NuGet, Azure Monitor, Docker, Kubernetes (AKS)
<b>Programming</b>	.NET, PowerShell, Bash, PHP, Node.js
<b>Frameworks</b>	ASP.NET, Laravel, Express, Angular
<b>Databases</b>	SQL Server, MySQL, PostgreSQL, MongoDB
<b>Interests</b>	Crosstraining, Board Games, Hiking, Camping, Movies, Cooking, Baking