

# Tiamo Idzenga

CLOUD ENGINEER · ZAASTAD

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## Summary

Cloud Engineer with experience designing, implementing and managing complex systems in the cloud and developing (web) applications and (REST) API's. Tiamo believes software should be reliable, manageable and secure to continuously deliver the best quality for its users. Others describe him as a result-oriented, extroverted and dynamic person who likes to focus on quality and usability of products.

## Work Experience

### De Nederlandsche Bank

*Amsterdam, The Netherlands*

CLOUD ENGINEER

*Feb. 2022 - Present*

- Realising the internal cloud implementation of DNB as part of the Cloud Core Team

### A&A Capacity

*Zaanstad, The Netherlands*

CLOUD ENGINEER

*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 to Microsoft Azure
- Developed a software solution using the .NET Core Templating Engine to create boilerplate Azure applications (including CI/CD and IaC systems) modularly containing configured integrations to several Azure services for authentication, messaging and monitoring
- Bore responsibility over operations: managing cloud infrastructure, pipelines and monitoring strategies to ensure high availability of systems
- Developed applications for enterprise clients on the .NET and Azure stack, focusing primarily on cloud native aspects such as architecture and implementation of cloud services
- Developed (automated) testing libraries for REST API's (using OpenAPI and Postman) and other applications

### Creative Skills

*Zaanstad, The Netherlands*

WEB DEVELOPER (PART-TIME)

*Jul. 2019 - Jan 2020*

- Developed custom made 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 full stack 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 by preliminary screening population with risk factors
- 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 virtual machines in a public cloud environment hosting masternodes within minutes and a front-end web application utilising the MEAN stack bringing our service to market within a month
- Grew our service to thousands of customers over the coming months, managing millions of dollars worth of collateral
- 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 investor deposits, withdrawals, replacements of stakes and reward payments

## Education

### Hogeschool Inholland

*Haarlem, The Netherlands*

B.SC INFORMATION TECHNOLOGY

*2021*

- Finished with thesis: "Modular System Integration Solutions in the Cloud", 8
- Minors: Cloud Computing & Security and User Experience Design (UXD)
- Extracurricular activities: member of study association Lepidoptera, class representative, participator in the "buddy-system" for international students, mentor on introduction week, giving programming classes to 2nd year students in C#

## Certifications

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