

Tiamo Idzenga

CLOUD ENGINEER · ZAASTAD

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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 (INTERNSHIP/FULL-TIME)

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 systems) 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
- Grew our service to thousands of customers over the coming months, managing millions of dollars worth of collateral
- Wrote on a biweekly report of reviews of cryptocurrencies to be added to the platform, reviewed them on their technical aspects and rated them on a defined list of criteria for our customers
- 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", graded 8/10
- 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

Skills

Azure	API Management, Functions, Logic Apps, Active Directory, Service Bus, Key Vaults, Storage
DevOps	Azure Pipelines, ARM Templates, NuGet, Azure Monitor, Docker, Kubernetes
Programming	.NET, PowerShell, Bash, PHP, Node.js
Frameworks	ASP.NET, Laravel, Express, Angular
Databases	SQL Server, MySQL, PostgreSQL, MongoDB