

NIEK VAN DER PLAS

Software Engineer

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Niekvdplas

Rijnsburg, The Netherlands



EXPERIENCE

Software Engineer / Data Scientist

ING

November 2021 – August 2022 Amsterdam

- Research in the detection and mitigation of data leaks using SOTA (natural) language processing.
- Designed an adaptable framework for the data leakage model to incorporate a variety of entities to recognize, validate and filter.
- Created a Flask API to make the framework accessible remote.

Software Engineer

DECOS

May 2019 – August 2021 Noordwijk

- Research regarding classifying citizen complaints by fine-tuning a BERT language model for which I received a 9/10 and submitted to COLING'2020.
- Maintaining existing code and review new code.
- Improving a number of products by introducing AWS/Azure/GCP services which were better alternatives than existing solutions. (I.e. OCR)
- DevOps practices such as release engineering, setting up K8s clusters or deploying ML models to VMs.

SIDE PROJECTS

Lunch website

Decos

I created a new lunch website for the company on which all employees could order their lunch. This was integrated with support for making payments as well as a live tracker of the order. This gave me experience with the following:

- Full stack development using .NET Core, Angular, SQL Server.
- Deployment with a test and release pipeline, Docker and K8s configurations.
- GCP & Azure services, such as Maps API & OCR

Several websites & other projects

During university, I designed a few websites for friends and family in React (NextJS). This gave me experience with AWS Amplify, S3, ISR & SSR and GraphQL to query the data stored in the S3 bucket. I learnt a lot about CSS styling using Tailwind while designing these simple websites. One example of those websites is www.lhddelta.com which is a website I made for my fraternity. Another made using NextJS+Typescript with Sanity as a CMS and deployed with Vercel is www.woodzkozijn.nl. See my GitHub for other projects.

MY LIFE PHILOSOPHY

"Focus on making yourself better, not on thinking that you are better."

MOST PROUD OF



Master Thesis

The accomplishment I'm most proud of is completing my master thesis with an 8. It's a reflection of my hard work and discipline, as well as my ability to work well with others in the ING team while also shining on independent work.



8-segment clock

In close cooperation with the CEO of Decos I worked on a robotics project to display an 8-segment digital clock using UFACTORY's xArm 7. Link.

STRENGTHS

Hard-working

Social & Confident

Motivator & Leader

Python, Java, C++, C#

AZ-204, AZ-400

DevOps

Orchestration

Docker

REST

Full-stack dev. (FE: Angular/NextJS + TS)

Cassandra/MongoDB/MySQL

Kafka

LANGUAGES

English



Dutch



German



EDUCATION

M.Sc. Computer Science - ST

TU Delft

Sept 2020 – August 2022

B.Sc. Computer Science

Leiden University

Sept 2017 – June 2020

Minor in Science Based Business