RODEL
VAN ROOIJEN

Engineer (ML & Data)

📍 Ede, the Netherlands
📞 On request
@ On request
🌐 rodelvr.github.io
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WHO AM I?

Over 8 years of experience in various data roles (data science, ML engineering and data engineering).
- Track record of building and working on successful ML & data products.
- Worked in various environments (start-up, scale-up and corporate), allows me to see the broader picture.
- 2,5 years of management experience helped me develop a passion for managing and mentoring.

Check out my website to learn more about me.

WHAT DO I BRING?

- Being able to write and understand what makes production grade code in Python.
- Experienced in building and deploying real-time machine learning models (XGBoost, LightGBM, Dask ML, Spark ML).
- Deployed and maintained data infrastructure (e.g. MLFlow, Airflow, Airbyte, Grafana) on Kubernetes.
- Built and grew high performing technical teams (4 - 15 FTE) and experienced in setting up interview processes.

EXPERIENCE

7/2024 – present	**Machine Learning Engineer**
	full-time **Achmea**

Working on building a MLOps platform that can support deployment of real-time pricing models.
`Python / Azure / Openshift / Azure Synapse`

7/2023 – 6/2024 1 year	**Founding Engineer (Data)**
	full-time **Solvimon**

Part of the founding team of Solvimon. Built a data platform from scratch using Airflow, BigQuery, Spark and Airbyte. With continuous deployment using Gitlab CI/CD and infra deployed on Kubernetes. `Python / Spark / Google Cloud Platform / BigQuery / Kubernetes`

1/2023 – 7/2023 6 months	**Engineering Lead, Machine Learning & Analytics**
	full-time **Adyen**

Managed multiple teams (30+ FTE) responsible for payments analytics and machine learning. This included machine learning for fraud detection, authentication and the merchant facing insights (dashboards) product. Hiring manager for all data science related positions in the company.

1/2021 – 12/2022 2 years	**Technical Team Lead, Machine Learning**
	full-time **Adyen**

Built the machine learning team behind the RevenueAccelerate product, after which I managed the data and ML team behind RevenueProtect. Responsible for growing teams of Data Scientists, Data Analysts and Data Engineers, supporting personal growth goals and performance evaluation.

7/2018 – 12/2020 2 years and 6 months	**Senior Machine Learning Scientist & Engineer**
	full-time **Adyen**

Built and implemented a contextual bandit framework to optimize the conversion rate of payments. This resulted in hundreds of millions in additional EUR revenue for Adyen's merchants. Laid the building blocks of Adyen's Big Data Platform by helping set-up Airflow and PySpark.
`Python / PySpark / SQL / Dask / Looker`

6/2016 – 6/2018 2 years and 1 month	**Data Scientist**
	full-time **ING Bank**

Part of the advanced analytics and model development group, worked on predicting prepayment risk and savings withdrawals.
`Python / R / Spark / SQL`

EDUCATION

2014 – 2016	**Master of Science in Stochastics and Financial Mathematics**	**University of Amsterdam**
2011 – 2014	**Bachelor of Science in Mathematics**	**University of Amsterdam**