

# Patrice Matz

## Contact Information

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## Professional Experience

### superluminar

**Senior IT-Consultant** 4/2024 - 7/2024

- Migrated 12 legacy PHP applications from two small cloud providers to AWS as part of the Migration Acceleration Program (MAP).
- Containerized the “pet” VMs, consolidated the databases, deployed the containers on ECS, and made them publicly available with the migrated data.
- Concluded my work shortly before switching the DNS records to the new deployment.
- Achieved the migration in less than 6 weeks while working only 3.5 days per week with the client.
- Saved approximately 60% of costs while improving reliability, reproducibility, and security.
- Enabled quick progress through a high degree of automation implemented throughout the project.

Skills: CDK · AWS · ECS · Docker · TypeScript · Python · Gitlab CI

### Netlight

**Senior DevOps Engineer** 10/2023 - 03/2024

- Supported a newly formed platform team as a DevOps Engineer to get them up and running quickly.
- Focused on setting the team up for success in supporting development teams and improving the developer experience.
- Worked on standalone projects, such as migrating to a new Kubernetes logging solution and upgrading our Kubernetes cluster.
- Took pressure off the main team by handling these tasks independently.
- Coordinated closely with the tech lead to ensure alignment with new strategic and technical paths.

Skills: Ansible · Datadog · CentOS · Splunk · ELK · AWS · Python · Jenkins · Kubernetes

**Techlead** 02/2023 - 09/2023

- Part of the leadership of an interdisciplinary team of 10 at one of Europe's largest e-commerce companies with more than €10B in annual revenue, in a project with approx. 70 other teams
- Created a digital twin of a highly complex supply chain, designing the architecture and working closely with developers and stakeholders.
- Reduced costs by 30%, improved performance by a factor of 30, and significantly enhanced scaling of services within the first 3 months.
- Focused on rebuilding the team after half the developers had to leave, due changing consultancies.

Skills: Apache Kafka · Spring Boot · GCP · Python · Node.js · MongoDB · Java · JavaScript

**Techlead** 10/2022 - 01/2023

- Founded and led an internal project based on a winning hackathon against 150 other consultants.
- Developed an internal product enabling consultants to explore company data about assignments and consultants interactively.
- Based the project on a Knowledge Graph implemented in Neo4J.
- Managed a constantly rotating team of available consultants with a strong emphasis on teaching and mentoring.

Skills: Neo4j · project management · NLP · AWS · Python · CI/CD · SSO

# Patrice Matz

## **ML-Engineer** 10/2021 - 10/2022

- Part of the Data Science Team at one of Europe's largest private wagon hire companies, designing the platform's USPs through predictive maintenance.
- Designed and implemented an MLOps pipeline in just over 3 weeks.
- Developed and managed the architecture, infrastructure, CI/CD pipelines, data pipelines, and services that served ML models.
- Collaborated closely with data scientists to serve models through Python APIs, both serverless and containerized, to other teams and partners.

Skills: AWS · Python · Sagemaker · GitlabCI · Docker

## DVZ-MV

### **Master Thesis** 03/2021 - 09/2021

“Development and Implementation of a Framework for Simulating the Behavior of a Software System under Load”, Grade: 1,0

### **Bachelor Thesis** 03/2019 - 09/2020

“Usage of Self-Contained Systems in the Electronic Application Assistant of the MV-Serviceportal“, Grade: 1,0

### **Working Student** 09/2018 - 02/2019

- Provided technical support of an internal project aimed at the adoption of Docker and Kubernetes-based workflows for e-government applications and laying the groundwork for a company-wide transition.

Skills: Java · Python · Jenkins · Docker · Kubernetes · Openshift · Selenium · VSphere

## Education

09/2016 – 09/2021	University of Applied Sciences Wismar M. Sc. Applied Computer Science Grade: 1,3, Top of the Class B. Sc. Applied Computer Science Grade: 1,5, Top of the Class
09/2015 – 08/2016	Industrial Clark Apprenticeship at Foodlogistik GmbH
08/2011 – 07/2015	Geschwister-Scholl-Gymnasium Bützow

## Skills:

Programming Languages	Python, Java, JS / TS, Go, PHP
Infrastructure	AWS, GCP, VMware VSphere, Docker, Linux
Automation	Gitlab CI, Github Actions, Jenkins
IaC	Terraform, CDK
Certifications	AWS Solutions Architect, Associate
German	Native Speaker
English	Proficient