



Matthias Langhard

CO-FOUNDER & SOFTWARE ENGINEER @ NOVALOOP AG

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Work Experience

Novaloop AG

CO-FOUNDER & FULL STACK SOFTWARE ENGINEER

- Co-Founded Novaloop AG in May 2020

Zurich

2020 - present

EcoLogic AG

FULL STACK SOFTWARE ENGINEER / PROJECT LEADER / TECHNICAL LEAD

- Planned, designed and implemented various medium-sized web applications in the front end and the back end using cutting-edge technologies and frameworks
- Designed, planned and implemented a medium-sized multitenant, multi-database SaaS application
- Migrated applications and services to the cloud using technologies such as Kubernetes, Docker and VPNs.
- Worked on the architecture and implementation of complex CD/CI (Continuous Deployment, Continuous Integration) mechanisms
- Introduced new project management frameworks such as Kanban and Scrum
- Maintained Linux application servers

Zurich

2016 - 2021

Stanzwerk AG

SYSTEM ENGINEERING / SYSTEM ARCHITECT BASIC INFRASTRUCTURE / PROJECT LEADER

- Introduced a multilayer VLAN network infrastructure to separate production-relevant systems from office devices
- Project management and client engineering in the rollout of Windows 8.1 for 350 employees and computer systems
- Maintained medium-sized ESXi clusters and storage environments
- Developed various smaller .NET applications to support production facilities and for automation tasks
- Developed a Linux raspberry-pi WLAN-to-Ethernet bridge, which was used to print labels on forklifts with power consumption below 12 W

Unterentfelden

2012 - 2016

EcoLogic AG

SYSTEM ENGINEERING / SYSTEM ARCHITECT BASIC INFRASTRUCTURE / PROJECT LEADER AT ECOLOGIC AG

- Inspected and maintained various server and network systems
- Planned and implemented small and medium system engineering projects

Zurich

2008 - 2011

Education

At the University of Applied Sciences and Arts Northwestern Switzerland (FHNW)

BACHELOR OF SCIENCE (B.Sc.) IN COMPUTER SCIENCE

Zurich

Mar. 2010 - Aug. 2017

Skills

Backend ASP .Net Core, SQL (PostgreSQL, MSSQL, MySQL, MariaDB), REST API, Headless CMS (Directus)

Frontend Angular, Ionic, GraphQL, RxJS, HTML, CSS, SASS

DevOps Kubernetes, Docker, Istio, Google Cloud, Linux / Unix Administration

Programming Languages C#, Typescript, Javascript, Go, Bash, Java

Languages German, English