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Benedikt Koller - CV

Professional Experience

Co-Founder, CTO DevOps

06/2018 - 03/2021

maiot GmbH & ZenML

Founded maiot with the mission to commoditize Machine Learning. After a pivot from applied predictive analytics, we open-sourced ZenML - an extensible, integration-driven MLOps framework to easily create reproducible Machine Learning pipelines.

Projects & responsibilities:

- Responsible for all DevOps aspects in the product development and software architecture
 - Design and maintain data processing pipelines to process > 1TB of data monthly
 - Design extensible Machine Learning pipeline framework with generalized integrations to cloud providers, common data processing tooling and ML-specific solutions
 - Manage financials and operations for a bootstrapped company with a peak headcount of 8
 - Plan and execute Seed investment round
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Co-Founder, CTO

02/2016 - 06/2018

kemb GmbH

Founded a small consultancy and playground for projects with the former VP Finance, VP Business Intelligence and VP Brand Marketing from Stylight. Kemb assists startups in early stages with strategic advice and architectural concepts as side projects.

Lead DevOps Engineer

12/2016 - 03/2018

Talentry GmbH

Redesigning the infrastructure architecture, coaching and supporting the development team. Consulting the management regarding organisational growth.

Projects & responsibilities:

- Migrate application and infrastructure to a resilient and distributed design at Microsoft Azure
 - Develop and implement strategies for backups, monitoring, logging and data warehousing
 - Design continuous integration and deployment pipelines
 - Transform organisation as Agile coach with SCRUM, OKRs and financial planning
 - Coach teams on CI/CD, container-based architecture and own-your-stack principles
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Lead System Administrator / Platform engineer

04/2013 - 11/2016

Stylight GmbH

Leading the IT infrastructure team in an ecommerce company with four offices worldwide and over 230 employees.

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Projects & responsibilities:

- Implement Continuous Integration and Continuous Deployment across the organization
- Migrate architecture from monolithic to geo-distributed service-oriented architecture
- Recruit, lead and mentoring of multiple teams
- Build resilient self-meshing network architecture for multiple datacenters and branch offices
- Create departmental yearly financial planning

Technical Support Engineer

Computerlinks AG

11/2012 - 03/2013

System Administrator

iCrossing GmbH

09/2009 - 11/2012

Professional Development

- [“You train it, you run it” - Author @ Hackernoon](#) 2021
- [“A tale of 1000 pipelines” - Speaker @ TMLS Summit](#) 2020
- “Production-ready Machine Learning” - Speaker @ Bris.tech 2020
- [“12 Factors of production Machine Learning” - Author @ TowardsAI](#) 2020
- AWS Solutions Architect 2015
- Certified SCRUM Master 2015
- IHK certified IT specialist (system integration) - best of class 2012
- Abitur (university-entrance diploma) 2009

Professional Skills

Management and organization:

- Building and mentoring successful, diverse teams as Team Lead (15+ hires)
- Agile Coach (SCRUM Master, OKR coach)
- Financial modelling and forecasting

Programming:

- Python, bash, HTML/CSS, JavaScript, Powershell
- Apache Beam, Spark, Kafka, Dataflow

DevOps tooling and systems architecture:

- Docker, Kubernetes, Docker Swarm, Helm, kustomize
- Terraform, Troposphere, AWS Cloudformation, Apex, boto3
- Github (Actions), GitLab (CI), Jenkins, CircleCI
- Salt, Puppet, bash, Powershell Provisioning
- Datadog, NewRelic, Prometheus, ELK, PRTG
- Traefik, nginx, Apache, MySQL, Postgres, BigQuery, Solr, Elasticsearch

Cloud Platforms:

- AWS, Google Cloud Platform, Azure, Scaleway, Digital Ocean

Networking and Firewalls:

- Aerohive, HP, 3Com, Netgear, D-Link, Palo Alto, Fortinet, iptables, VyOS
- Structured Cabling, DHCP, QoS, Network Wiring, DHCP, QoS, Active Directory
- OpenVPN, Wireguard, Junos Pulse, Juniper Network Connect

Languages:

- German: native
- English: fluent, CEFR C1