

Aaron VENETZ



PROFILE

Data Scientist with 10+ years across the full data stack. Works at the intersection of data engineering, cloud infrastructure, and platform engineering – from designing AWS environments and CI/CD pipelines to building ETL workflows and analytical products. Combines technical depth with a pragmatic, ownership-driven approach.

CONTACT

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🌐 aaron.venetz.info

PERSONAL

Citizenship: **Switzerland**

Family: **Married, two children**

Languages: **German** (native), **English** (C2), **French** (B2)

TECH SKILLS

Cloud & Infrastructure

- AWS (EC2, IAM, S3, SageMaker)
- Terraform, Infrastructure as Code
- Docker, Posit Connect

DevOps & Automation

- GitHub Actions, CI/CD Pipelines
- Git, IAM & Permission Automation

Data Engineering & Analytics

- PySpark, SQL, Apache Iceberg
- Python (packages, APIs), AWS Glue
- R, Shiny

EXPERIENCE

CLOUD PLATFORM & DATA ENGINEER

Die Schweizerische Post (Berne, CH)

2025.08–today

- ◊ IAM governance, EC2 server operations, and Terraform modules for cloud accounts and data infrastructure.
- ◊ Migrated CI/CD from Bitbucket/Jenkins to GitHub Actions; built ETL pipelines (AWS Glue / PySpark) with Apache Iceberg.

LEAD DATA PLATFORM PRODUCTS / DATA ENGINEER

PostAuto AG (Berne, CH)

2022.12–2025.07

- ◊ Architected and operated the corporate analytics platform on AWS; managed cloud accounts, access governance, and Posit Connect.
- ◊ Built company-wide Shiny dashboard framework and distributed custom R packages across the organisation.

HEAD OF DATA AND ANALYTICS

gfs.bern (Berne, CH)

2020.01–2022.11

- ◊ Led a team of 5–7 analysts; built real-time streaming infrastructure for national vote and election projections.
- ◊ Introduced R as analytical standard; developed NLP-based text-mining products.

DATA & POLITICAL SCIENTIST

gfs.bern (Berne, CH)

2015.02–2020.01

- ◊ Advanced from intern to Senior Data Scientist; led R&D for predictive analytics and survey modelling.

UNDERGRADUATE ASSISTANT & TUTOR

University of Berne, CH

2011.08–2015.01

EDUCATION

BSC COMPUTER SCIENCE

FFHS, Brig, CH

2022–present

Part-time. Expected graduation: 2027.

MA POLITICAL SCIENCES / BA SOCIAL SCIENCES

University of Berne, CH

2009–2015

SELECTED CERTIFICATIONS

CERTIFIED CLOUD PRACTITIONER AWS

2024

CPSA-FL *iSAQB*

2024

CPRE-FL *IREB*

2024

CAS MACHINE INTELLIGENCE ZHAW

2019

CAS INFORMATION ENGINEERING ZHAW

2019

CAS DATA PRODUCT DESIGN ZHAW

2018

