

# MATTHIAS BRAT

DevOps Engineer | Cloud Management | Automation | Technical Writer

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CH/BE/FR/LU



## SUMMARY

Autonomous DevOps engineer skilled in cloud platforms and automation, including Kubernetes, AWS, Azure, and OpenShift, with a track record of architecting streamlined CI/CD workflows and modernizing legacy systems. Enthusiastic about technical writing and sharing deep architecture insights. Seeking to apply my strategic mindset and cloud expertise to advance Linux engineering projects that drive robust, automated infrastructure at scale.

## EXPERIENCE

### DevOps Engineer Training

#### Bruxelles Formation

- 11/2024 - 05/2025 Brussels
- Implemented Agile methodologies using **Jira**, **Miro**, and **Plane**.
  - Streamlining software delivery by reducing deployment time by 50% with **GitLab CI/CD** and **Jenkins**.
  - Conducted **security audits** ensuring best practices using OWASP ZAP, SonarQube, and IAM protocols.
  - Provisioning of **Azure** and **AWS** cloud infrastructure using **Terraform** and **Ansible**.
  - Designed high-available **Kubernetes** clusters.

### Integrator Intern

#### Cantonal IT Department

- 11/2022 - 07/2024 Sion
- Utilized **GitLab CI/CD**, **ELK**, **Red Hat SSO**, **OpenShift Container Platform**, and **Quay** to streamline operations.
  - Applications development using **Angular** (RxJS/NGXS).
  - Springboot** to **Quarkus** legacy migrations.
  - Optimizing version control and CI/CD **pipelines workflows**.
  - Cross-functional teams collaborations for requirements gathering and solution delivery.

### Fullstack Developer

#### Cantonal IT Department

- 08/2024 - 11/2024 Sion
- Built and maintained web apps using **Quarkus** and **Angular17**.
  - Supervised **database migrations** to enhance data integrity and accessibility.
  - Implementing **Agile methodologies** within cross-functional teams.
  - Streamlined **CI/CD pipelines** for efficient deployment processes.

### Software Intern

#### Compensation Fund & Specialized University

- 03/2022 - 01/2023 Sion
- Integrating QR-Code functionality into existing billing systems.
  - Maintaining Tomcat servers, enhancing performance and scalability.
  - Built Laravel 9 applications for renewable energy project monitoring.
  - Built Python web scraper for real-time energy data aggregation.

### Benevolent work

#### Benevolent

- 05/2023 - Present
- Assisting elderly individuals with IT | Online software coaching | Platform Engineering @ https://renardis.fr/ | Technical Writing.

## LANGUAGES

French ●●●●●  
English ●●●●●  
German ●●●●●  
Dutch ●●●●●

## SKILLS

Linux AWS Azure OpenShift  
Kubernetes Docker VMWare  
Bash Python C Kafka  
Terraform Ansible On-Prem  
GitLab CI/GitHub Argo CD IAM  
ELK Jenkins Agile SAFe Jira  
Gen AI JavaScript SonarQube  
Angular Compiler Architecture  
Cybersecurity Monitoring  
SpringBoot/Quarkus Java  
Communication Documentation  
Technical Writing Leadership

## PROJECTS

- Educational Content / Tech tutorials**  
https://write.matthiasbrat.dev/
- Python AI RAG**  
https://rag.matthiasbrat.dev/
- DevOps Showcase**  
https://gitlab.matthiasbrat.dev/
- Blog**  
https://blog.matthiasbrat.dev/