

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/>