

MATTHIAS BRAT

I follow change, autonomy, music and kindness.



📍 SION, VALAIS

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🌐 MATTHIASBRAT.DEV in WWW.LINKEDIN.COM/IN/MATTHIAS-BRAT



WORK EXPERIENCE

DEVOPS ENGINEERING PROGRAM BRUXELLES FORMATION

2024-11 - 2025-05

Agile, **Cloud**, Provisioning, CI/CD, Security Audits, Monitoring...

[DevOps Engineer – Bruxelles Formation](#)

**<https://www.bruxellesformation.brussels/catalogue-dorifor/devops-engineer-avec-certification-kubernetes/>*

FULLSTACK DEVELOPER CANTONAL IT DEPARTMENT

2024-08 - 2024-11

Helping on the fishers and hunters web applications as well as **databases migrations**.

INTEGRATOR INTERN CANTONAL IT DEPARTMENT OF VALAIS/WALLIS STATE, SION, CH

2022-11 - 2024-07

Internship centered on learning and using deployment tools:

- **Gitlab CI/CD, ELK, Red Hat SSO, OC4, Quay**
- **Angular (RxJS/NGXS), Svelte, PWA**
- **Quarkus, Springboot, reactivity**

SOFTWARE INTERN COMPENSATION FUND OF VALAIS/WALLIS STATE, SION, CH

2022-11 - 2023-01

Built an app that adds a QR-Code to existing bills using C# WPF.
Then migrating app in **PHP on a Tomcat server**.

SOFTWARE INTERN SPECIALIZED UNIVERSITY, VALAIS/WALLIS, SIERRE, CH

2022-03 - 2022-05

Built an app tracing new renewable energies in Valais/Wallis, CH.
Using **Laravel 9**, Chart.js and making a python web scraper.

STUDENT CAMPUS EPTM, VALAIS/WALLIS, SION, CH

2019-08 - 2024-06

Followed ICTVS modules:

[Modulbaukasten](#)

**<https://www.modulbaukasten.ch/?d=4f50e7f3-6b82-eb11-a812-0022486f6f83>*

Final pdf

**https://raw.githubusercontent.com/Matthiasbrat/final/refs/heads/main/EN_Trimmed_Report_Brat_Matthias_v2.pdf*

IT INTERN INSTITUTE OF RADIOLOGY OF SION

2018-03 - 2018-04

Discovering healthcare computer science and assistance.



PROJECTS

MAINTAINER LEARN-FAST Documentation

Documentation repository for people who want to get in-depth introductions to new technologies:

[Matthiasbrat/learn-fast \(github.com\)](https://github.com/Matthiasbrat/learn-fast)

**<https://github.com/Matthiasbrat/learn-fast>*

DEVELOPER DMSPROXY Quarkus service

Migration of an API in java REST format from **Springboot to Quarkus** allowing to centralize invocations to the Valais/Wallis state's DMS OpenText system.

DEVELOPER FIDCOM Angular migration

Fully rewrote an **AngularJS to Angular 17** application designed for Valais/Wallis state's fiduciaries, municipalities, and compensation funds.

DEVELOPER CSI-DOCUMENTATION Angular project

Wrote an Angular app to document the different reusable Angular components/libraries written by the cantonal IT department. The documentation presented some challenging features that I independently chose to implement:

- Fully customizable article generator with:
 - Dynamic TS/HTML component loader based on components.
 - TS/HTML source code UI toggle.
 - Global efficient search bar.
 - Customizable UI behavior for compiled and uncompiled code.



TECHNICAL SKILLS

PROGRAMMING: C#, C++ & .NET FRAMEWORK

 3 years

PROGRAMMING: PHP/LARAVEL

 3 years

OPERATIONS: ELK, CI/CD, OC4

 2 years

AUTH: IAM

 2 years


PROGRAMMING: TS/JS

 V8, reactive libraries and states

MICRO-SERVICES: SPRINGBOOT, QUARKUS

 3 years

HARDWARE: MICROCHIPS AND SERVERS

 setting up servers and understanding protocols

DATABASE: MYSQL, POSTGRES, ACCESS

 4 years



COMMUNICATION SKILLS

ITALIAN

 A1

DUTCH

 B2

ENGLISH

 C2

SPANISH

 A1

GERMAN

 B2

FRENCH

 native language