

# MATTHIAS BRAT

I follow change, autonomy, music and kindness.



📍 SION, VALAIS

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## 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](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)

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### 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