

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

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 project: <https://github.com/Matthiasbrat/final/>

IT INTERN

INSTITUTE OF RADIOLOGY OF SION
2018-03 - 2018-04

Discovering healthcare computer science and assistance.



PROJECTS

ADVISOR

BOMBA-API
[NextJS service](#)

Advising Joshua Macauley Bomba-API project.

[Macawls/Bomba-API: An api service for my game - Bomba \(github.com\)](#)
*<https://github.com/macawls/bomba-api>

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>

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 16 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:

- Auto indented, formatted code blocks and tags with optional tooltips.
- 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