



WORK EXPERIENCE

FULLSTACK DEVELOPER

CANTONAL IT DEPARTMENT 2024-08 - 2024-11

Helping on the fishers and hunters web applications as well as <u>databases migrations</u>.

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

Discovering healthcare computer science and assistance.

IT INTERN

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



MAINTAINER

LEARN-FASTDocumentation

DEVELOPER

DMSPROXYQuarkus service

DEVELOPER

FIDCOM

Angular migration

DEVELOPER

CSI-DOCUMENTATION
Angular project

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

Matthiasbrat/learn-fast (github.com)

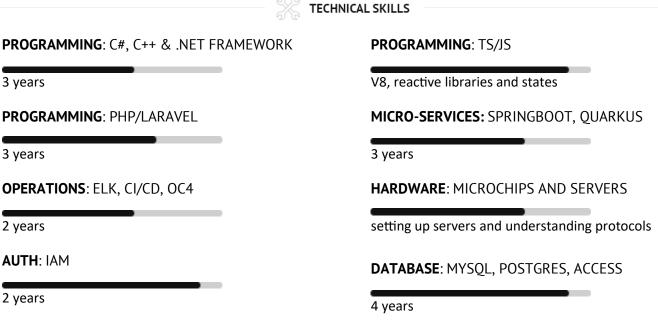
*https://github.com/Matthiasbrat/learn-fast

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.

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

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



COMMUNICATION SKILLS

ITALIAN

A1

A1

DUTCH

B2

ENGLISH

FRENCH

C2

COMMUNICATION SKILLS

SPANISH

A1

GERMAN

FRENCH

native language