

Emmanuel Guefif

Mid-level Software Developer

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Lifelong learner, I work as a web developer with a special interest in backend development and optimization. With my background in sociology and my former career in elementary education, I developed an ability to understand end-user needs and translate them into effective technical solutions.

Experience

2024 – NOW

Software Developer: Vue.js, Postgres, GraphQL, Python, Ruby on Rails

DEMARQUE— QUEBEC, CANADA

- **Led** a major refactoring of the digital book lending system with minimal supervision, improving reliability and performance.
- **Extended** another team's file ingestor to parse Marc21 file (Elixir, Rust) for our project.
- **Enhanced** team processes and workflows in the code review area.
- **Created comprehensive documentation** for abstractions I've written.
- **Designed** end-to-end testing app with Python
- **Conducted daily code reviews**, ensuring code quality and maintainability.

2024 – 2024

Internship: C#, Flutter/Dart

EDDYFI— QUEBEC, CANADA

- **Exceeded** scope by delivering a production-ready smartphone feature in four months— originally planned as just a proof-of-concept.
- **Successfully** navigated and contributed to a 25-year-old legacy C# codebase.

2019 – 2023

Elementary School Teacher

CONSEIL SCOLAIRE FRANCOPHONE— BRITISH-COLUMBIA, CANADA

- **Implemented** evidence-based pedagogy.
- **Communicated** students' learning in both French and English.
- **Collaborated with team members** to support students' learning.

2015 — 2019

Elementary School Teacher

ÉCOLE JEAN GONO - LYON FRANCE

- **Planned** learnings throughout the year.
- **Individualized** learnings for some students.

Qualifications

OCTOBER 2023 – APRIL 2024

Common Core Certification, 42 QUEBEC

JULY 2015

Master's degree in Education, UNIVERSITE LYON 1

JULY 2010

Bachelor's degree in Sociology, UNIVERSITÉ LYON 2

JULY 2003

High School Diploma in France — LYCEE DU FOREZ

Skills

- English, IELTS General 8/9 (2020)
- Communication
- Critical Thinking and Problem Solving
- Personal organization

Hobbies

- Guitar, Harmonica, Vocal
- Philosophy
- Sailing
- Rock Climbing