

Guillaume Técher

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I'm a senior software engineer with seven years of experience in full stack web development. I've worked on growing products at startups, scaleups and larger organizations. For my next role, I am looking to join a small team, where team members take ownership and work across diverse responsibilities. I have a keen eye for design, which is also a personal passion, and I've enjoyed fully designing and building apps in my free time.

SKILLS

Advanced: TypeScript/JavaScript, React
Intermediate: Git, Docker, GraphQL, SQL, Mongo, Python
Rudimentary: Kubernetes, Go, Vue, Svelte

EXPERIENCE

Radio-Canada - Senior Software Engineer, Montréal

Aug 2023 - Present

Technologies: React, React Native, TypeScript, oRPC, Node, GraphQL

Digital production studio: My team was responsible for a portfolio of about 10 projects. I grew to be the reference person for 3 of them, including Radio-Canada's homepage. My work includes 3 major migrations of technological stacks, resulting in improved stability and easier onboarding. I improved the internal library by simplifying its routing layer, reducing its size by 20%. Most of my work has been on components and pages that reached millions of people.

Public Space Incubator (current team): A startup-like team where we developed conversational spaces that promote engagement and healthy dialogue. I was in charge of multiple core features (admin view, special layouts, and more), migrations; and helped guide the work on accessibility. We took it from the prototype stage to a reliable and maintainable tool, with the hope of open-sourcing it. We nearly doubled the number of interactions (comments, reactions) on our platform compared to the industry average.

Botfront & Dialogue (acquisition) - Software Engineer, Montréal

Sept 2019 - Jan 2023

Technologies: React, TypeScript, Python, GraphQL, Node, Kubernetes, CI/CD, FastAPI, Rasa, SQL, Mongo

Botfront: 6-person startup where we built a SaaS tool to create chatbots. I architected and built core features of the application (frontend, backend, infrastructure). I built an import-export system with error detection, which allowed us to integrate with Git and to version the chatbots. I created an analytics system providing actionable insights to our clients (BNC, Accor, Orange, and 40 others). I added on-screen guidance capabilities driven by the conversation, which allowed replacing messages with live highlighting. Acquired by Dialogue.

Botfront at Dialogue: Dialogue, a telemedicine company, acquired Botfront in 2021. We successfully integrated Botfront into Dialogue's tech stack, improving how chatbots are visualized and empowering medical staff to edit them directly. The import-export system I had built became a cornerstone of this work.

Care provider experience: I automated repetitive tasks for doctors and nurses, eliminating redundant steps. As a result, 15% of finished consultations were automatically processed. Seamlessly migrated care plans between two APIs, centralizing them in a single web app, which greatly improved the user experience.

EDUCATION

ESEO - Master of Software Engineering, Angers

2014 - 2019

2 years of Mathematics, Physics and Electronics (Classe préparatoire) and then 3 years of software engineering. Last year project: Metro network simulator, simulating millions of trips.

Prytanée national militaire - Baccalauréat Scientifique, La Flèche

2011 - 2014

With Honours.

OTHER EXPERIENCES

IBM - Software Engineer Intern, Paris

2019 (6 months)

Technologies: JavaScript, Vue.js, Node, Express, Git, REST API, Python, Scikit-Learn

I worked on labeling software for an email parser. I added a feedback API for continuous improvement of the model. Once in production, it received 200 pieces of feedback per day. The second part of the internship was more experimental and about exploring document sets using unsupervised learning.

Arm - Performance Engineer Intern, Cambridge (UK)

2017 (3 months)

Technologies: Python, Pandas, Shell scripting, Android Debug Bridge (ADB).

I gathered data on a prefetcher's impact on CPU performance and helped discover a major unexpected behavior on a development board. I also worked on characterizing the performance of binaries built using different toolchains from the Android Native Development Kit (NDK).

ARC - Freelance Web Developer, Crenan

2018 (1 month)

Technologies: PHP, SQL, Twig, JavaScript, Apache2, Git, jQuery, Bootstrap.

I built from the ground up a digital phonebook connected to the company databases. I created a thin MVC framework tailored to the task to move fast. It vastly improved the efficiency of sales and is still used to this day.

ESEO's Student Clubs - Head of External Communications, Angers

2016 - 2018

In charge of the external communication for 5 clubs, I made flyers (~30), took photos, and created promotional videos.

LANGUAGES

French — Native

English — Bilingual

Spanish — Beginner

HOBBIES

I love photography and other visual arts. I volunteer at a print shop where I teach people how to use a fine art printer.

I'm also deeply passionate about cycling and enjoy fixing my bike myself. I regularly go bikepacking with my wife during the summer and document it with my camera.