

Alexandre Cailhier

Full-stack web developer

Contact



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Montreal, QC, Canada

Open to relocate

Open to remote work



[linkedin/alecai](https://www.linkedin.com/in/alecai)



[github/alexacai](https://github.com/alexacai)



[portfolio/alexacai](https://portfolio.alexacai.com)

Education

Oct, 2023

CareerFoundry, Certification

Full-stack web development

– Remote (Berlin based)

May, 2020

Laval University, Master

Land develop. / urban planning

– Quebec city, Canada

June, 2018

University of Montreal, Bachelor

Anthropology

– Montreal, Canada

Key Skills

- HTML, CSS, JS, React, Python
- Angular, Bootstrap, Recharts
- Node.js, MongoDB, PostgreSQL
- AWS, Git, Github
- ArcGIS, Miro, Asana, Jira, Confluence
- Agile, personas, user stories
- TDD and BDD testings
- Continuous integration/delivery
- Web hosting (Heroku/Netlify)

Extra (several graduate project management classes taken):

- Developing management skills
- Quantitative decision tools
- Project governance & definition

Summary

Bilingual (FR/EN) web developer with a background in data-based decision supporting tools development and consulting for organizations on technological project deployments (mainly towards data governance and data lifecycle). Experienced in building customized, responsive and clean websites and web apps with in-demand programming language / tools from start to finish, including gathering requirements, developing, testing, debugging, and launching. Good complementary knowledge of (-----placeholder-----) principles as well. Excited to contribute in developing the best products for the best user-experience possible.

Web development projects (more in [my portfolio](#))

Web developer - CareerFoundry - Remote (Berlin based)

April 2023-Present

- **Chat app:** App for mobile devices providing users a chat interface and options to share images and location. Built with React Native.
- **Meet app:** Serverless and progressive web application (PWA) fetching data from Google Calendar API to display events around the world. Built with React and AWS.
- **myFlix:** Built the frontend part of my movie web app, allowing users to search movies and create lists. Built as single-page and responsive with routing and several UI to facilitate users CRUD operations. Built with JS, React and React Bootstrap.
- **API for movie web app (myFlix):** Built the backend part of my movie web app, including the server, business logic, and business layers. Consist of a REST API and architected database built using JS, Node.js, Express, and MongoDB.

Professional experiences

Senior analyst in data and technology policies

Open North - Remote (Montreal based)

Jan. 2022 - June 2023

- **Analyzed 2 organizations technological projects coming from [an innovative smart cities program](#)** to create/provide insightful documentation/tools on better data governance practices, hence reducing data-related risks for a local tracking app and enhancing trust from partners towards data collecting / storing mechanisms.
- **Led R&D process among a group of 8 organizations on sensitive data sharing.** Organized 6 online interactive theoretical/practical workshops to discuss the potential of Data Trusts. Presented [the work](#) carried out to non-experts. Participated in the writing of [several guides/tools](#) on data sharing and Data Trusts setting up.
- **Developed an automated Excel data analysis document** taking directly inputs from publicly available survey to analyse all possible answer combinations and generate an up-to-date / clean / ready to send results report, cutting survey analysis and response time to 99% and allowing easier data visualization.

Infrastructure advisor - Plan Nord - Quebec city

Jan. 2021 - Jan 2022

- **Coordinated and monitored various public infrastructure projects** ranging from a few tens of thousands of dollars to several million dollars.

Professional researcher - Laval University - Quebec city

Jan. 2020 - Jan 2021

- **Organized and led 9 workshops** among a group of multidisciplinary professionals (+10) to structure an analysis logic based on their specific objectives, allowing the creation of a fully workable in-computer multi-criteria model of 9 criteria.
- **Gathered, processed and analyzed large GIS and non GIS dataset** using ArcGIS and other tools, producing the needed results to show which options among the +4000 were the most logical for public investments based on attractivity score.
- **Created well-designed maps to show all data analysis results.** Wrote the [activity report](#) (+100 pages), including context, methodology, limits and recommendations. Wrote a [complementary report](#) on the operations carried out in ArcGIS (+100 pages). Published a [scientific article](#).