

Christophe Mamessier

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Toronto, ON, Canada

Senior Software Engineer

Senior full-stack software engineer with 8+ years of experience in back-end and front-end development using Python, Go, Vue, Node. I have architected and implemented distributed web services using modern API tools.

Work Experience / Projects

Mar 2024 - Senior Software Engineer at **Ezee Assist**

May 2025 Ezee Assist's create an all-in-one AI support assistant for franchisors.

- ❖ Technical lead on the creation of the new company's product with thousands of users.
- ❖ The product includes web interfaces, chat integrations and complex, fault tolerant, data workflows distributed across multiple services in a micro service architecture.
- ❖ Supervised two contractors and two juniors/interns, bringing them from 0 to 1 on our system via peer programming sessions and detailed code reviews.
- ❖ Enforced best practices to improve stability and traceability of distributed systems.

Tech: Vue, Node, Python (FastAPI, Pydantic), AWS, Redis, MongoDB, Postgresql, Meilisearch, Open AI, PyTest, AWS Cloudwatch, Postmark, CI/CD GitHub Actions

Sep 2023 - Entrepreneur in residence at **Antler Canada**

Nov 2023

- ❖ Lead 40+ customer discovery interviews.
- ❖ Coded two prototypes to support our investor pitch.

Tech: Streamlit, NASA API, AWS Sage Maker, Vue, Python (FastAPI, Pydantic), Stripe, R, SQLite, Postmark

Apr 2023 - Creator of **Gentle Finance**

Sep 2023

A personal proof of concept to track my expenses by SMS.

- ❖ I have designed and implemented a working solution and found 13 users for it.

Tech: React, Firebase (hosting, functions, firestore, storage), Twilio API, WhatsApp API, Node, SQLite.

Mar 2021 - Lead Full Stack Engineer at **Ensho Health (Toronto)**

Apr 2023

Ensho's goal is to be the first and most effective digital lab. I was in charge of their web applications, and internal scripting tools.

- ❖ Lead developer on 3 HIPAA compliant web applications.
- ❖ Developed a real-time time tracker for our in-house health professionals.
- ❖ Benchmarked several search engines to find a suitable solution for Ensho's needs. Primary focus was to find every match among hundreds of millions of documents.

Tech: React, Flask, FastAPI, Postgresql, AWS Kinesis, Okta, Solr, Terraform, AWS EC2, Docker, PyTest, AWS Cloudwatch, GraphQL (Apollo), AWS Cloudwatch, CI/CD GitHub Actions

Mar 2018 - Full Stack Engineer at **Figure 1 (Toronto)**

Nov 2020

Figure 1's ambition is to help every health care professional around the globe achieve clinical mastery.

- ❖ Lead developer for our main website using Go and Reactjs.
- ❖ Initiated creation of a design system that greatly improved the collaboration between UX/UI design team and developer team.
- ❖ Developed a mobile application able to support hundreds of users.

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Tech: React, Ember, React Native, Node (Express), Go (Gin), Firebase (hosting, functions, firestore, storage), Mongodb, Docker, Kubernetes, Jest, Cypress

Mar 2017 - **Lead Full Stack Engineer for SIÈSDE Technology (Markham)**

Mar 2018 I designed and implemented the first digital financial disclosure solution in Ontario. Giving lawyers and mediators an easy and organized way to collect the supporting documents required to endorse a full financial disclosure. Used in cases like divorce and mortgage applications.

- ❖ Partnered with IBM engineers to prototype an AI based interface to draft child custody agreements using Watson.
- ❖ Lead developer on, gathering non-technical requirements and feedback provided by the CEO and our designer team.
- ❖ Recruited and managed a team of 2 junior developers and 2 designers.
- ❖ Established timelines and advised the management team on best course of actions, prioritizing our developments according to the company's changing goals.

Tech: Vue, Node, MongoDB, IBM Cloud, IBM Bluemix, IBM Watson, Postgresql, Stripe

Mar 2017 **Winner of HackJustice Challenge (Toronto)**

Conceptualized and implemented a prototype aiming to inform and guide the user along a separation process (divorce, etc.).

2016 - 2017 **CTO at Small Claims Wizard (Toronto)**

Designed and implemented a website to help people navigate the small claims court. Participated in the validation phase, prototyping and meeting potential users at the courthouse to understand their main pain points.

Tech: Vue, Node, MongoDB, Heroku

2010 - 2016 **Business Intelligence Consultant, Klee Performance (France)**

Implemented full BI processes at companies of all scales (METRO, RATP, Vinci, SFR...)
Supervised 2 junior consultants

Tech: DB2, MS SQL, Postgresql, Oracle, IBM Cognos, SSIS, SSRS, SSAS, Talend, Pentaho

Education

2018 Master of Engineering degree, [University of Toronto](#) (via diploma equivalency)

2014 Machine learning, [Coursera](#) (100/100 graded)

2010 Engineering degree, [EFREI](#), France

Languages

French (native), English (bilingual)

Extra

Muay Thai, Embedded Systems, Creative Writing, Chess