

Mathis Lefranc

[LinkedIn](#) • [GitHub](#) • [Portfolio](#)

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Full-stack software developer with 2 years of experience creating scalable, high-performance web applications, mainly with React, Node.js, and SQL. I'm passionate about crafting intuitive user experiences, fine-tuning backend performance, designing clean relational databases, and building secure, seamless payment systems.

SKILLS

Languages – JavaScript, TypeScript, Python, Java, PHP, C++, C, SQL, HTML, CSS

Frontend – React, Next.js, React Native, Expo, Redux, React Context, Tailwind, Shadcn, WebSockets, Figma

Backend & Databases – Node.js, Symfony, Flask, MySQL, PostgreSQL, MongoDB, REST, GraphQL, ORMs

DevOps – Git, GitHub, GitHub Actions, Docker, Linux, Nginx, Cloudflare, Vercel, Cypress, Vite, Postman, Cursor

Cloud & APIs – AWS (Lambda, S3), Firebase, Supabase, Stripe, OAuth, JWT

WORK EXPERIENCE

Montreal Software Machine (MSM), Montréal, Canada

Full Stack Developer

Aug. 2024 – Present

- Designed and built web-based invoice payment and real-time production tracking systems for 2 external clients
- Utilized technologies including React, Vite, Stripe, Nginx, Flask, and HFSQL to deliver performant solutions

Capsule, Remote (France)

Full Stack Developer

Aug. 2023 – Present

- Engineered real-time chat, videoconferencing, appointment scheduling, payment processing, subscription management, and parental relationship management features for a web-based teen mental health platform
- Built with technologies including Symfony, Twig, React, Bootstrap, Doctrine ORM, Stripe, Redux, and MySQL

SOFTWARE SIDE PROJECTS

[InkLink](#)

- Developed a cross-platform app that connects lifelong learners to local social science events
- Designed and implemented using Expo, TypeScript, Node.js, MongoDB, and AWS (Lambda/S3)

[ReadCheck AI](#)

- Created an AI-powered browser extension to detect and document inaccurate claims in news articles
- Built the backend with Node.js, used Cohere for claim detection and SerpAPI for real-time web validation

[Recall](#)

- Built a mobile app for readers to track books and test their knowledge with AI-generated quizzes
- Developed with Expo, TypeScript, Node.js, Firebase, and OpenAI APIs for dynamic question generation

EXTRACURRICULAR ACTIVITIES

VP of Student Mentorship Program (GDSC Concordia), Montreal, Canada

Oct. 2024 – May 2025

- Led a team of 4 directors through the execution of a software development student mentorship program
- Recruited 10 professional developers and 5 graduate teaching assistants to mentor 50 student developers
- Coordinated team development efforts, mentor check-ins, technical workshops and communication campaigns

Director of Sponsorships (BOLT McGill), Montreal, Canada

Aug. 2023 – May 2024

- Secured \$3,000 from sponsors to support the club's flagship event, ensuring the fulfillment of club engagements
- Recruited 8 skilled professionals to lead dynamic speaker panels, networking sessions and technical workshops

EDUCATION

Concordia University, Montreal, Canada

Graduate Diploma, Computer Science – CGPA: 3.87/4.30

Sep. 2024 – Aug. 2025

Relevant Courses: Data Structures & Algorithms, Files & Databases, Tools & Techniques for Software Engineering

McGill University – Desautels Faculty of Management, Montreal, Canada

BCom, Finance & IT Management Major, Computer Science Minor – CGPA: 3.77/4.00

Sep. 2020 – Dec. 2023

Relevant Courses: Software Design, Developing Business Applications, Design Thinking & Innovation

LANGUAGES AND HOBBIES

Language Skills: Fluent: French, English; Advanced: Portuguese; Intermediate: Spanish

Interests: Stand-Up Comedy, Samba, Chess, Tennis, Surfing, Podcasts, Non-Fiction Literature