ANDREW MAHÉ

FULL STACK DEVELOPER | PRODUCT-ORIENTED ENGINEER

Ottawa, ON | Canadian Permanent Resident | Authorized to work in Canada | No sponsorship required | Open to Full-time & Contract

(343) 209-1032 | andrew.mahe14@gmail.com

PROFESSIONAL SUMMARY

Versatile, product-oriented Full Stack Developer with **7+ years of experience** turning client needs into simple, reliable SaaS and digital products. I work directly with clients to understand workflows, challenge assumptions and deliver projects **end to end** - from discovery and architecture to development, deployment and iteration. I favor simple, maintainable solutions, build and integrate **AI-powered and local-AI products** and use AI-assisted development daily. Knowledge sharing is a core part of my work: I have trained **2,000+ students** in software development and AI at French engineering and computer science schools.

CORE TECHNICAL SKILLS

- **Front-end:** React, Angular, Vue.js, TypeScript, JavaScript, Twig, HTML5, CSS/SCSS, Tailwind CSS, D3.js, Mapbox, Atomic Design, WCAG 2.1
- **Back-end:** PHP 7/8, Symfony 2-8, Laravel, Python, Node.js, REST APIs, GraphQL, Doctrine ORM, OOP, Symfony Messenger, RabbitMQ
- **Data:** MySQL, MariaDB, PostgreSQL, SQL/DQL, NumPy, Pandas, Matplotlib, data modelling, migrations, indexing, query optimisation, data cleaning, data visualisation
- **Platforms & CMS:** WordPress, Drupal, PrestaShop, Magento, Shopify
- **DevOps:** Linux/UNIX, Docker, Apache, AWS S3, VPS, Git, GitHub, GitLab, GitHub Actions, CI/CD, deployment, monitoring
- **Testing:** PHPUnit
- **AI:** Claude Code, OpenAI API, Claude API, Ollama, local LLMs, RAG, AI-assisted development
- **Product & Delivery:** discovery, requirements analysis, product design, architecture, technical specifications, client workshops, UX principles, documentation, training

PROFESSIONAL EXPERIENCE

dotTilde - France - Co-Founder & Lead Full Stack Developer — 2022 - Present

- Delivered end-to-end digital products for **75+ clients**, from discovery and requirements to deployment and iteration.
- Build and run **our own SaaS products** — **Bubul, SAM and Campus** — including pedagogical-content generation, **RAG** for training content and local-AI deployments.
- Developed production **Laravel** tools for education and sports clubs, including school discovery, team/match management and statistics.
- Built client and internal **Python** / local-AI tools and data workflows using **NumPy, Pandas and Matplotlib**.
- Designed an **on-premise JavaScript AI solution** for sensitive financial data, supporting GDPR and EU AI Act requirements without external data processing.
- Act as an **Instructional Designer** for partner schools, designing curricula, learning paths and technical training.

Le Point Jaune (Flav'Admin V2) - France - Lead Developer & Project Manager — Mar 2025 - Mar 2026

- Cut processing time by **80%** on a Symfony 7/MySQL application used by **6,000 users**.
- Migrated **4 years of production history** with **zero data loss and zero downtime**.
- Automated **Moodle REST** synchronisation and trainee workflows; supported **1,500 additional trainees**.

CINS - France - Technical Project Manager — Nov 2023 - Mar 2025

- Worked **75% hands-on development / 25% technical project management** across **50+ production applications**.
- Developed and maintained **Symfony/PHP, WordPress, Drupal, PrestaShop and Magento** applications for international clients.
- Led up to **10 concurrent projects** with a 3-person team while remaining hands-on; managed requirements-to-delivery for **RFS World** in English.

Tinycoaching & TinyData - France - Full Stack Developer — Jan 2021 - Nov 2023

- Built TinyData, turning learner data into **live dashboards and data visualisations** with Angular, TypeScript, **D3.js and GraphQL**.
- Cleaned, transformed and modelled learner data; kept **1M+ records** responsive through **SQL optimisation, indexing and caching**.
- Implemented **AWS S3** image storage and supported **75 organisations** on a multi-tenant SaaS architecture (Symfony/Docker).
- Delivered **WCAG compliance for 50+ schools** through accessibility audits and front-end remediation.

Doric Groupe - France - Full Stack Developer — Sep 2019 - Oct 2020

- Built a real-time **Symfony 4.4 tax simulator** used by advisors during client meetings.
- Rebuilt the brokerage platform in **React** and automated sales follow-up with a custom CRM.

SELECTED TECHNICAL HIGHLIGHTS

- **Python AI/data project:** built a learning and experimentation pipeline on **200,000 data points** using NumPy, Pandas and Matplotlib for cleaning, analysis and visualisation.
- **Local AI & RAG:** implemented local LLM solutions and retrieval-augmented generation for Bubul Campus training content.
- **Front-end engineering:** apply Atomic Design and psychology-informed UX principles across React, Angular and Vue interfaces.
- **Testing & delivery:** PHPUnit, Docker, GitHub Actions CI/CD, VPS deployments and RabbitMQ/Symfony Messenger.

TEACHING, SPEAKING & KNOWLEDGE SHARING

- Delivered **5,000+ hours of training** to **2,000+ students** in software development and AI at French engineering and computer science schools.
- Trained **350+ managers and executives** in applied AI; speak on software, AI and digital transformation.
- Served on **57 Master's-level technical examination boards**.

EDUCATION

Master's Degree in Computer Science — Artificial Intelligence specialization | SUPINFO, France | 2023
Graduated first in class; assessed as equivalent to a Canadian Master's degree.

Bachelor's Degree in Computer Science | SUPINFO, France | 2021

LANGUAGES

French: Native

English: Professional working proficiency - technical, documentation and client-facing communication