ALEXANDRE BILLEREAU

Full-Stack Developer · 3 years of experience · React, TypeScript, Laravel · Payments, SaaS, CI/CD

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AlexandreBillereau in Alexandre Billereau

SKILLS

Front end: TypeScript · React · Next.js · MobX · Inertia.js · Angular · JavaScript · HTML/CSS
Back end: PHP 8 / Laravel · Node.js / NestJS · REST / OpenAPI · MySQL · Stripe · Java · WordPress
DevOps: GitHub Actions · CI/CD · Docker · Linux / SSH · PHPUnit · Git

EXPERIENCE

Full-Stack Developer — Orphic

June 2024 - Present — Montréal · team of 2 devs

- **AKKOMQ** member platform: **1,000+ members**, **1,100+ Stripe payments** (webhooks), automated renewals, online exams in React and a **10+ step membership application** (documents, exam, payment, admin review).
- **Booking CRM** used by **15 partner car washes** (Laravel, React, shadcn/ui, FullCalendar): slot availability engine and **Stripe Connect** payments.
- Designed a **PDF generation service in Node.js**: a REST API driving **headless Chrome**, used by several platforms: **100,000+ invoices** generated for members' clients, plus receipts and certificates.
- Architected **Themes on Demand**, a **Laravel + React (Inertia) + MobX** SaaS that automatically provisions, deploys and monitors **70 sites**: **state machine**, async jobs over **SSH** and the WHM API, **REST API v2 (OpenAPI)**. Putting a site live went from **a full day** to **5 minutes**.
- **React admin panels** (AKKOMQ, CMDO): filterable tables, **statistical reports**, CSV exports.
- Set up **GitHub Actions CI/CD** (reusable workflow, staging/production), one-command **Docker** environments, **PHPUnit** tests.
- **Site Builder** in React (drag-and-drop block editor, **MobX** state) and **30+ client sites** delivered on a reusable plugin library.

Continuing education and personal projects

Jan. 2023 - May 2024 — Montréal

- **Rust** (Exercism, then ChunkBox with Tauri) and **C# / ASP.NET Core** (microservice with JWT authentication).

Web Developer Intern — CGI

May 2021 - Sep 2021 — VIA Rail Canada

- Built features in **TypeScript** (**Angular** front end, **NestJS / Node.js** back end) for VIA Rail Canada's web platform; defects tracked in **Jira**.

Web Developer Intern — Ytria

May 2020 - Sep 2020 — Internal

- Complete internal web application (**JavaScript**, **PHP**, **MongoDB**); introduced **Git** to the team and **Bash** automation scripts.

EDUCATION

Bachelor of Software Engineering and Computer Science — UQAM

Jan. 2019 - Dec. 2022

Specialization in **Web Development** and **Artificial Intelligence**.
Main language: **Java** (also **C**).

PROJECTS

VSCode Instance Manager — Open-source tool

2025 — repository

- Isolated VS Code and Cursor instances (extensions and settings per project) in **TypeScript / Node.js**, 9 stars.

ChunkBox — Desktop app

Prototype — repository

- Spaced repetition (Leitner): **React** in a **Tauri / Rust** app.

Portfolio hosting — VPS

Nov. 2026 — view site

- WordPress on **AWS Lightsail** with **Coolify**: **Docker**, **Traefik** proxy, **MariaDB**, Let's Encrypt HTTPS, DNS.

LANGUAGES

French	Native
English	Professional