

ALEXIS LAVIGNE

Full-stack developer · UI/UX designer

23 · Rouen, France · Full driving licence

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Soon-to-be CS engineer at CESI (entrepreneurship track). I design and I code, solo or in a team: I adapt the stack to the problem, not the other way around. The goal isn't a perfect mockup, it's a product that actually works.

/ 2021 → today

Experience

Software engineer2023 · ongoing

Altitude Infra, Val-de-Reuil (apprenticeship)

Lead dev on three internal tools built in parallel, each on a different stack: HUB AI (centralized portal), VIGIE (field inventories) and HUB DSI (internal IT-department portal).

React

Next.js

Express

Symfony

PostgreSQL

SQL Server

R&D intern · SmartGSN2025

York University, Toronto, Canada

Real-time collaborative platform, Lucidchart-style, for Goal Structuring Notation. International mobility, English-speaking research team.

React / Express trainer2025

Self-employed, remote

A month of React / Express training for CESI students on their free time: program designed, materials written, sessions run remotely, individual follow-up.

Self-employedsince 2025

On the side, Rouen

Dev and design work, including Drafted: full two-person redesign of an inclusive Valorant esport platform (visual identity, navigation, player experience).

Development internships2022 · 2023

Safran Nacelles, Le Havre

Two internships in the tooling-software team (HTML, C#, VB, SQL).

/ My lab

Flagship project

StreamSync · streamsync.frIn progress

Solo-built SaaS that lets viewers replay the original music on Twitch VODs, synced to the live moment, without breaking copyright rules (DMCA). Architecture, frontend, backend, browser extensions, Discord bot, Stripe: every layer. First revenue since April 2026.

Next.js

Node.js

Stripe

Twitch API

Spotify API

Supabase

/ Currently a master's

Education

Master's in Computer Science Engineering

CESI Engineering School, Rouen · entrepreneurship track

2023 · 2026

Higher National Diploma in IT (BTS SIO)

Software applications track (SLAM)

2021 · 2023

French Baccalauréat (high-school diploma)

Maths, physics-chemistry, biology · Lycée Fénelon, Elbeuf

2021

/ Toolbox

Skills

FRONT

React, Next.js, Vite, Tailwind, TypeScript

BACK

Node.js, Express, PHP Symfony, ASP.NET

DATA

PostgreSQL, Supabase, SQL Server

DESIGN

Figma (design systems, prototypes), Illustrator, Photoshop

ALSO

Java (server plugins), C# (client mods), Chrome MV3 / Firefox extensions, OAuth, Stripe, Agile

/ Certifications

ANSSI · cybersecurity (French national agency)

GDPR · personal-data protection

/ Languages

French · native

English · operational, written and spoken (internship in Toronto)

/ Off the clock

Travel

Movies

Music

Video games

Running