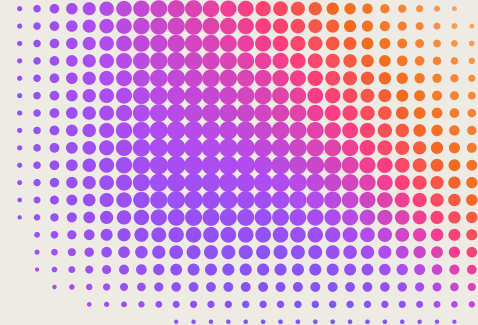




Nicolas Blanc

Software engineer

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Swiss & French

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Full stack software engineer and lead developer. I build web and mobile products end to end, from the real-time backend to the interface, from scoping with the client to release.

EXPERIENCE

Appitude — Lead developer

LAUSANNE, SWITZERLAND

04/2025 — PRESENT

NEXT.JS · REACT · FLUTTER · KOA · MONGODB · ORACLE · INFLUXDB

- Firmenich** — lead developer on the R&D platform where chemists design fragrance stability tests and read their results: data visualisation, a PASS/FAIL rule editor, PDF reports. Team of six, three developers. Close to 30,000 tests run on it.
- TRKS** — led GPS tracking for sailing regattas end to end in a team of two, on races of more than 80 boats: Flutter mobile app, real-time backend on InfluxDB, web dashboard with Playwright end-to-end tests, infrastructure and product vision.
- Benchmarked headless UI libraries (Radix and shadcn, React Aria, Headless UI) and set up the agency's Next.js and Tailwind starter, including rules for AI coding agents.
- The client's direct contact for the frontend: scoping, workshops, demos, prioritisation with the Product Owner.

Pyto — Freelance mobile developer

REMOTE

01/2025 — 03/2025

Built the MVP of a garden management app in Expo and React Native: architecture, CI/CD and core features.

BeTomorrow — Lead frontend developer

BORDEAUX, FRANCE · JOINED AS FINAL-YEAR INTERN (6 MONTHS)

02/2023 — 12/2024

REACT · REACT NATIVE · NEXT.JS · EXPO · FIREBASE

- Physio.me** (Biogen) — lead frontend developer on a home physiotherapy medical device (SMA, multiple sclerosis), in a team of five developers and five product and management people. Built what keeps patients coming back: gamification, and programmes that adapt to what they enjoy.
- Cléo** (Biogen) — mobile developer on a medical device supporting people with multiple sclerosis, deployed in five countries.
- Wrote end-to-end tests (Detox on mobile, Cypress on web) that run in CI every morning.
- Led the frontend with the client (scoping, demos, delivery), trained their team to take it in-house, mentored an intern.

PROJECTS

Sightstone — Design and build

SIGHTSTONE.LOL · PERSONAL PROJECT

2025 — PRESENT

BUN · NEXT.JS 16 · HONO · TAILWIND 4 · SUPABASE · DRIZZLE

A draft room for semi-pro League of Legends teams, born from a need in my own team at Lausanne Esport: champion pools, scouting, live draft, debrief. Every pick it suggests is explained by a transparent scoring engine, calibrated on 18,000 professional drafts.

EDUCATION

ENSEIRB-MATMECA, Bordeaux INP — Engineer's degree (master's level), telecommunications

BORDEAUX, FRANCE

09/2020 — 08/2023

SOFTWARE ENGINEERING FOR NETWORKS · SIGNAL PROCESSING

Research internship at ÉTS Montréal, 06/2022 — 09/2022: requirements specification tool for avionics, in Java.

SKILLS

FRONTEND	TypeScript, React, Next.js, Tailwind CSS, data visualisation
MOBILE	Flutter, Dart, React Native, Expo
BACKEND, DATA	Node.js, Koa, Hono, PostgreSQL, MongoDB, Oracle, InfluxDB, Supabase
TESTING	Jest, Vitest, Playwright, Cypress, Detox, Flutter tests
CLOUD, QUALITY	AWS, CI/CD, GitLab CI, SonarQube, accessibility
PEOPLE	Technical leadership, client workshops and demos, mentoring, Scrum

CERTIFICATIONS

AWS	AWS Certified Developer – Associate (DVA-C02), 09/2026
ACCESS42	Certified accessibility developer (WCAG, RGAA), 10/2024

LANGUAGES & INTERESTS

LANGUAGES	French — native · English — fluent, C1 (IELTS 7) · Spanish — intermediate, B1
INTERESTS	Climbing, skiing, vinyl, cinema