VICTOR DELORME

Full stack engineer & creative developer

CONTACT

contact@victor-delorme.com
victor-delorme.com
Based in Cannes / Nice

Available for roles, projects and freelance missions

SKILLS

Front end
TypeScript, Next.js, Tailwind CSS, PWA, React, Zod, Angular, CSS, HTML, Internationalisation (i18n), JavaScript, Zustand, Leaflet, Mapbox, TipTap

3D, motion and real time
Three.js, WebGL, React Three Fiber, WebSocket, 3D optimisation (glTF, Draco), Canvas 2D, GSAP, Remotion (video as code), SignalR, WebRTC

Back end and APIs
.NET, C#, Node.js, PHP, Python, REST APIs, Stripe, Django, FastAPI, Push notifications, Resend (email), Symfony

Data
PostgreSQL, Open data, ADS-B, Alembic (migrations), Datex II, Drizzle, GTFS-RT, Prisma, Redis, SQLAlchemy, SQLite

Mobile
Expo, React Native, Sensors (gyroscope, orientation), Android, Capacitor, Codemagic, EAS (builds and releases), Java, NativeWind

AI
llama.rn (on-device LLM), ONNX, OpenAI, PyTorch, Reinforcement learning (DQN), Speech recognition

IoT and embedded
MQTT, Bluetooth, C++, ESP32, Home Assistant, Matter, PlatformIO, RTSP (cameras), Thread, Wi-Fi, Zigbee

DevOps, cloud and testing
Git, Docker, GitLab CI/CD, Vitest, Bruno (API testing), Docker Swarm, Azure, Google Cloud, Kubernetes, Pytest

Security and networking
Access control, Auth0 (OAuth 2), Reverse proxy (Traefik), JWT, Secure offline access, SNI tunnel, TLS and Let's Encrypt (ACME)

Product, SEO and methods
SEO, Jira, Agile Scrum, Campaign Manager 360, Factur-X (e-invoicing), Figma, Meta Ads, PostHog (analytics), Snapchat Ads, UI/UX

PROFILE

Full stack engineer trained in France and Québec. I design and ship complete products, from the interface to deployment: web, mobile, real time, 3D, AI and connected devices. Technical lead at Alten for Orange, and the maker of several live products.

EXPERIENCE

Full stack engineer
Sep 2025 — present

Alten (Orange), Sophia Antipolis, France

- Technical lead on TrackingManager, a cross-platform advertising dashboard integrating CM360, Meta Ads and Snapchat Ads: feature design and development, user and permission management, coordination with the client and business teams.
- Independently drove the product's evolution, from requirements analysis to production, across several projects.
- Found and fixed in 3 weeks a technical issue on Embed that had been blocking for over 2 years, enabling Instagram, Facebook and Reels embeds.
- Helped improve Orange's news pages by making embedded social content more reliable and richer.
- Worked across a broad Symfony, Angular, PHP, Redis, Kubernetes, GCloud and GitLab environment, and on the CM360, Meta Ads Manager and Snapchat Ads Manager platforms.
- Cross-team technical support and coordination, with strong autonomy and a direct relationship with business stakeholders.

Symfony, PHP, Angular, TypeScript, Redis, Kubernetes, Google Cloud, GitLab CI/CD, Git, Access control, Campaign Manager 360, Meta Ads, Snapchat Ads

Full stack engineer (React / .NET)
May 2023 — Sep 2025

Allema Global, Rimouski, Québec

- Designed and built e-commerce web platforms in full stack React (70%) / .NET (30%), with close attention to scalability and modularity.
- Led key features in an Agile Scrum setting, taking part in and running the ceremonies (daily, sprint planning, retrospectives).
- Integrated third-party APIs, secured access and improved response times through profiling and targeted refactoring.
- Contributed to technology choices and rebuilt the front-end architecture as reusable, typed React components.
- Production follow-up, fast iterations on client feedback and a continuous improvement process.

React, TypeScript, .NET, C#, REST APIs, Access control, Agile Scrum, Git

Full stack engineer & project lead
Jun 2022 — Aug 2022

Ithaque Informatique, Tours, France

End-to-end delivery of an innovative showcase website.

PHP, HTML, CSS

Front-end web developer
Jun 2021 — Jul 2021

Géovélo, Tours, France

geovelo.fr front end in React, Mapbox and Leaflet maps.

React, JavaScript, Django, Mapbox, Leaflet, Open data

Front-end web developer intern
Apr 2020 — Jul 2020

Géovélo, Tours, France

Front-end redesign of the route planner interface in Angular.

Angular, TypeScript, Leaflet

EDUCATION

Master of Science in Computer Science
Université de Sherbrooke, Sherbrooke, Canada
2022 — 2023

Master's-level engineering degree in computer science
Polytech Tours, Tours, France
2020 — 2023

DUT in Electrical Engineering & Industrial Computing
Université de Tours, Tours, France
2018 — 2020

LAB

Connected lamps
Connected lamps born from an ESP32 board and firmware written from scratch, in C++.
ESP32, C++, PlatformIO, Wi-Fi

Marble Race
A marble, a track, a stopwatch: a 3D race, right in the browser.
Three.js, JavaScript, WebGL

PongIArena
Train your own AI, then unleash it at Pong against everyone else's.
Python, PyTorch, Reinforcement learning (DQN), ONNX, Next.js, TypeScript, Vitest

Bolts
Throw your phone in the air: the app measures the height and recognises the trick.
React Native, Expo, TypeScript, Sensors (gyroscope, orientation)

The phone-flown plane
Your phone becomes a plane's controller, linked live over WebRTC.
WebRTC

Bluetooth triangulation
Finding where people are in a building, from Bluetooth signals alone.
Bluetooth, Android, Java, MQTT

Case studies, demos and code at victor-delorme.com

Freelance web designer & developer
Apr 2019 — present

Indépendant

End-to-end website creation, from Figma mockups to SEO-optimised builds.

Figma, UI/UX, SEO, HTML, CSS

PROJECTS

SPHEREHOME
2025, professional, in progress

Your smart home, finally yours: everything runs from one place, with no cloud, even when the internet goes down.

Challenges Secure access, even without internet. Reachable from outside, with no open port. Certificates with no third party. Infrastructure that deploys itself. Getting every protocol to talk.

Python, FastAPI, React Native, Next.js, Home Assistant, Zigbee — spherehome.fr

LIVERADAR
2026, personal, live

Everything that moves in France, live, on a 3D map: planes, trains, buses and boats. Plus an observatory that counts our delays.

Challenges Data that looks nothing alike. Fitting on a small server. Light 3D, even on a phone. Shipping without thinking about it. Being found, being shared.

Next.js, Three.js, TypeScript, PostgreSQL, Drizzle, React Three Fiber — liveradar.fr

DEVIJÀ
2026, professional, live

The quote writes itself while you talk: tradespeople dictate, DeviJà prices, sends and invoices.

Challenges Guardrails on the AI. Compliant e-invoicing. An iPhone app, from the same code. Getting known.

Next.js, TypeScript, PostgreSQL, Prisma, OpenAI, Stripe — devija.fr

JABS SOFTWARE
2024, professional, in progress

The PIM that ends the chaos: all your product data in one place, and AI to put it to work.

Challenges A data model each customer shapes. Real time for the whole team. Separate, secured workspaces.

C#, .NET, Azure, Next.js, React, SignalR — jabssoftware.com

PEPOO ARENA
2026, personal, live

The party game that starts in one click: push your friends into the water before the island disappears.

Challenges A simulation with no screen. Multiplayer with no account. One link and you're in.

Next.js, TypeScript, Canvas 2D, WebSocket, Node.js, PWA — pepooarena.com

SOIE
2026, personal, live

Your journal, by voice or keyboard, read by an AI that lives in your phone.

Challenges A language model in your pocket. Reliable analysis, in French. Two stores, one codebase.

React Native, Expo, TypeScript, llama.rn (on-device LLM), SQLite, Speech recognition — App Store

DÉDALE
2023, personal, live

Memorise a maze from above, then find the exit from inside. One mistake, and it's over.

Challenges Switching viewpoint without losing the player. Playing by moving the phone.

React, TypeScript, Three.js, WebGL, Sensors (gyroscope, orientation), Git — dedale.run

ORAPA MINE
2026, personal, live

Every day, a mine hides five gems: send waves, read the colours, deduce.

Challenges Rules you can prove. The same puzzle for everyone, with no server.

Next.js, TypeScript, GSAP, Vitest, PWA, Tailwind CSS — victor-delorme.com/orapamine