# Bastian Noel

**Full-stack web developer student**

I design, build and deploy my web projects myself. One of them, a browser extension, has about 10,000 users.

## EDUCATION

**Bachelor's in Multimedia and Internet (BUT MMI),** IUT de Vélizy (Paris-Saclay) – 2025 – 2028

- **Top of my year**, class representative and student tutor.
- Web development, databases, user experience.

**First year of the integrated engineering preparatory cycle,** Compiègne University of Technology (UTC) – 2024 – 2025

- **Upper-level** computer science courses taken from the first year: algorithms and complexity, databases, data structures in C.
- Mathematics and physics.

**French baccalaureate, highest honours,** High school in Vernon – 2024

- Specialities in **computer science**, mathematics and physics.

## PROJECTS

**Custom Directe** – Since 2022 JavaScript · HTML · CSS · Extension Chromium · Vite

- Created and maintained since 2022 a browser extension used by about 10,000 people.
- Designed an object-oriented, modular JavaScript architecture with no dependencies.

**ALWIS** – Since 2026 JavaScript · PHP · MariaDB · WebAssembly · Docker · GitHub Actions

- Runs PHP 8.4 and MariaDB in the browser by compiling them to WebAssembly.
- Set up seven CI pipelines, including rebuilding the engine from source.

**AE2V platform** – Since 2026 React · Next.js · TypeScript · Fastify · PostgreSQL · Prisma

- Designed and built the bingo app for a welcome party, with anti-cheating and offline mode.
- Wrote an OIDC single sign-on service for the association's tools, tested end to end.

**S3aled** – Since 2026 TypeScript · Fastify · React · PostgreSQL · S3 / R2 · Docker

- Designed a transfer service where files go from the browser to S3 storage without passing through the server.
- Encrypted files in the browser and covered the code with automated tests.

**DepthVistaXR** – 2026 Python · PyTorch · OpenXR · OpenGL

- Assembled depth-estimation models to turn a screen into a stereoscopic image in real time.

## EXPERIENCE

**Composya,** web development – 2021 – 2025

- Built, hosted and maintained the company's **first website**, on WordPress.
- Coded the team's **HTML email signature**.
- **Called back** for new assignments **over four years**.

## CONTACT


bastian.noel.professionnel@gmail.com

+33 7 68 74 16 02

bastiannoel.com/en/dev

linkedin.com/in/bastiannoel

github.com/Bastian-Noel

Vélizy-Villacoublay and Vernon, France

Driving licence


## INVOLVEMENT

- Member of the **IUT de Vélizy student union**, for which I built the online tools and the identity.
- Regularly help **beginners** with their web projects.
- **Reported to the CNIL** (French data protection authority) a flaw exposing personal data on a national school platform.

## INTERESTS

Viet Vo Dao, Hiking, Cooking, Open source and self-hosting.

## SKILLS

**Languages**
JavaScript, TypeScript, PHP, SQL, Python, Swift, C

**Web**
React and Next.js, Node.js and Fastify, WebAssembly, Browser extensions, Offline apps

**Data**
PostgreSQL, MySQL and MariaDB, S3 and R2 storage

**Systems and deployment**
Docker, Continuous integration, OIDC authentication, Linux and reverse proxy

## LANGUAGES

- French, native language
- English, B2 to C1 level, five language stays with English-speaking families