

François Bastien

SENIOR FULL STACK DEVELOPER · DEVOPS

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👤 efemero



I enjoy discovering patterns.

Skills

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Python | FastAPI – Django – Pydantic – Celery |
| Web Back | Typescript – Java – Go – PHP – NodeJS – Deno – ExpressJS – NestJS |
| Web Front | Html – CSS – Angular – React – Vue – Htmx – JQuery – AlpineJS |
| Rust | tauri – wasm-bindgen |
| Databases | PostgreSQL – MySQL / MariaDB – SQLite – Redis / ValKey – MongoDB – CouchDB – Elastic-Search |
| DevOPS | git – docker / Podman – docker-compose – gitlab (CI) – github (actions) – drone – nix flakes – pre-commit hooks |
| Linux | Debian – Ubuntu – Alpine – Arch – NixOS – Fedora |
| Admin | Bash – Fish – Lua – POSIX utils |
| Text | LaTeX – Typst – Markdown – PanDoc – RST – Lilypond (musical edition) |
| Human Languages | French (native) – English (B2) – Dutch (A1) – Esperanto (B1) |
| Soft skills | Security-conscious – Pragmatic decision-making – Continuous improvement |
| Hobbies | I play french horn in a brass band and I do CrossFit. I can ride a unicycle if needed, and I volunteer each month in a repair café. |

Education

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|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| Full Stack Developer Frontend: Angular – React – Vue Backend: ExpressJS – NestJS | TechniFutur (FOREM - CEFORA) Nov 2025 - Jul 2026 |
| Java Developer on Linux Coding in Java — Linux administration | Technocité (FOREM) Mar 2007 - Sep 2007 |
| Advanced Master in Cellular and Molecular Biology Non traditional functions of the nucleolus, case of the telomerase. | University of Liège Sep 2005 - Sep 2006 |
| Master in Animal Biology Study of the ponB gene coding for a class A PBP and its product in Enterococcus hirae | University of Liège and University of Namur Sep 1999 - Sep 2004 |
| Nautical Science Reoriented to Biology after one year | Belgian Maritime Academy - Antwerp Sep 1998 - Jun 1999 |
| From kindergarten to High School CESS obtained in June 1998 | Athénée Royal de Gembloux Sep 1983 - Jun 1998 |

Experience

Software Engineer – Blockchain data analysis

Self Employed

Took an entrepreneurial risk to dive into the crypto ecosystem.

Rust – async – structured logging – error-handling – CLI interface

Key achievement: Designed and implemented a full application for blockchain data analysis.

Jan 2023 - Dec 2024

Parental Career Break

Took a two-year break to care for my children, while learning new tech along the way.

Rust – NixOS – Podman — Home automation (home-assistant, mqtt)

Feb 2021 - Dec 2022

Software Engineer

EarlyTracks (now EMS Health)

Natural language processing targetting the medical world.

Python – Elasticsearch – MongoDB – Docker – Gitlab-CI

Key achievement: Optimized and restructured a data processing pipeline, cutting execution time from two weeks to three minutes.

Feb 2019 - Feb 2021

Software Developer

Audaxis (now Contraste Digital)

Several consultancy missions for a major French-speaking media organization (Rossel Group).

Golang — Java — Varnish — Python — PHP — RabbitMQ — Celery

Key achievement: Designed and developed an authentication and user identification solution with access rights verification. Deployed on high-traffic websites of a major media group, handling millions of users per minute, replacing a less efficient off-the-shelf solution.

Apr 2012 - Feb 2019

Software Developer

Telio

Contributed to the development and maintenance of an existing document management tool, focusing on improvements and bug fixes.

Java — JQuery

Apr 2009 -

Key achievement: Refactored both frontend (jQuery) and backend (java) for an online flyers printing business.

Mar 2012

Software Developer

Maltitel / IT-Optics

Medical image visualisation and consulting in an aeronautical business.

Java

Key achievement: Conducted an exploratory implementation of a BPM solution for an aerospace group, using for web service orchestration.

Jan 2008 - Mar 2009

Software Developer Intern

TinyERP (now Odoo)

Working on an open source ERP

Python — PostgreSQL

Key achievement: Developed a module tailored for associations.

Oct 2007 - Dec 2007