

François Bastien

# SENIOR FULL STACK DEVELOPER · DEVOPS

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Every noise hides a pattern.

## Skills

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<b>Python</b>	FastAPI – Django – Pydantic – Celery
<b>Web Back</b>	Typescript – Java – Go – PHP – NodeJS – Deno – ExpressJS – NestJS – Ruby on Rails
<b>Web Front</b>	Html – CSS – Angular – React – Vue – Htmx – JQuery – AlpineJS
<b>Rust</b>	tauri – wasm-bindgen
<b>Databases</b>	PostgreSQL – MySQL / MariaDB – SQLite – Redis / ValKey – MongoDB – CouchDB – Elastic-Search – RabbitMQ
<b>DevOPS</b>	git – docker / Podman – docker-compose – gitlab (CI) – github (actions) – drone – nix flakes – pre-commit hooks
<b>Linux</b>	Debian – Ubuntu – Alpine – Arch – NixOS – Fedora
<b>Admin</b>	Bash – Fish – Lua – POSIX utils
<b>Text</b>	LaTeX – Typst – Markdown – Pandoc – RST – Lilypond (musical edition)
<b>Human Languages</b>	French (native) – English (B2) – Dutch (A1) – Esperanto (B1)
<b>Soft skills</b>	Security-conscious – Pragmatic decision-making – Continuous improvement
<b>Hobbies</b>	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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<b>Full Stack Developer</b> Frontend: Angular – React – Vue Backend: ExpressJS – NestJS	TechniFutur (FOREM - CEFORA) Nov 2025 - Jul 2026
<b>Java Developer on Linux</b> Coding in Java — Linux administration	Technocité (FOREM) Mar 2007 - Sep 2007
<b>Advanced Master in Cellular and Molecular Biology</b> Non traditional functions of the nucleolus, case of the telomerase.	University of Liège Sep 2005 - Sep 2006
<b>Master in Animal Biology</b> 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
<b>Nautical Science</b> Reoriented to Biology after one year	Belgian Maritime Academy - Antwerp Sep 1998 - Jun 1999
<b>From kindergarten to High School</b> CESS obtained in June 1998	Athénée Royal de Gembloux Sep 1983 - Jun 1998

## Experience

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### 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 SOAP webservice 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