François BEST

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SKILLS

Full-stack web developer and software engineer, with interests in dev tooling, design, cryptography, and privacy-preservation. Tech stack of choice includes:

TypeScript, Next.js (React), Fastify (Node.js), PostgreSQL, Redis, TailwindCSS.

Traits: Curious, pragmatic, critical thinker, meticulous, adaptable.

EXPERIENCE

François Best (EI) / 47ng — *Founder*

March 2018 – Present

Freelance full-stack web development. Clients include:

- **Forward** (payment processor) – Frontend refactor from Next.js pages router to app router with a UI redesign from Chakra-UI to a custom design system.
  Next.js, nuqs, TanStack Table & Query, shacdn/ui, ts-rest

- **La Fabrique Numérique** (startup incubator) – End-to-end encryption SDK
  Open-source: github.com/SocialGouv/e2esdk
  Next.js, Fastify, PostgreSQL, TypeScript, Chakra-UI, Libsodium

- **MBO Next** (Business school in Amsterdam) – Social network for alumni
  Next.js, Keystone.js, Prisma, Apollo GraphQL, TypeScript, PostgreSQL

- **Heron.app** (Equity & compensation SaaS) – MVP built in 3 weeks
  Next.js, TypeScript, PlanetScale, Recharts, GraphQL, Chakra-UI

- **LinkedNutri** (Micro-nutrition solution) – Dashboard UI & logic
  React, Redux, VisX, Express.js

- **L'Acquéreur** (Real estate matchmaking) – Full stack MVP development
  React, Meteor.js, styled-components, Mapbox.js

Slate Digital — *DSP engineer*

March 2011 – June 2018

- Audio processing algorithm design, research, development and integration
- Full-stack pro audio plugin development (UI, controllers and audio processing) in C++, Python and Ruby
- Production process streamlining (internal build/test tooling)

Arturia — *Hardware engineer*

January 2010 – October 2010

- Design and prototyping of the MiniBrute hardware analog synthesizer
- UI development for the Origin hardware digital synthesizer

EDUCATION

Grenoble INP ENSERG/Phelma — *Electronics Engineering & Digital Signal Processing*

2007 – 2010, Grenoble, France

Analog & digital electronic design, prototyping and manufacturing.
Embedded systems programming in C/C++.

Master AST (Arts, Science & Technology)

2009 – 2010, Grenoble, France

Study of haptic human interfaces with music software.
Study of physical modeling (drums & string), FM synthesis and PureData.

OPEN-SOURCE & PROJECTS

Personal GitHub profile: github.com/franky47.

I publish and maintain various open-source web application building blocks I need for clients and personal projects at github.com/47ng.

nuqs – Type-safe URL state manager for React frameworks. 7k stars, 500k downloads/week
nuqs.47ng.com

Chiffre.io – End-to-end encrypted web analytics SaaS – chiffre.io.

Arduino MIDI Library – Maintained since 2009
github.com/FortySevenEffects/arduino_midi_library.

SPEAKING

I give talks at conferences about my open-source work on nuqs:

[Type-Safe URL State Management in React with nuqs](#) – *React Paris 2025*
[Maintaining an Open-Source Library for Next.js, Feedback & Tips](#) – *Fork It! Rouen 2024*

I also create [videos](#) and [stream](#) to educate the community about URL state management.

OTHER INTERESTS

I like building toys for my kids with hand tool woodworking as a meditative activity.
A physical and tangible work that balances nicely with the digital nature of my day-to-day work (and it's nice to unplug from the AI hype cycle for a bit).