

# Fredhel KISSIE

Full-Stack Developer & DevOps

email: [hello@fredkiss.dev](mailto:hello@fredkiss.dev)

portfolio: <https://fredkiss.dev>

Github: <https://github.com/Fredkiss3>

## SKILLS

### Frontend Development:

JavaScript, TypeScript, React.js, Next.js, Gatsby.js, React Native, Flutter, TailwindCSS, AngularJS

### Backend Development:

Python, Django, Node.js, PostgreSQL, SQLite, API Development, OpenAPI

### DevOps & Infrastructure:

Docker, Docker Swarm, AWS ECS, Scaleway, Google Cloud Platform, Pulumi, Railway.app, Vercel, SST.dev

### Tools & Technologies:

Temporal.io, Centrifugo, Grafana/k6, Supabase, Strapi, Inngest, Git, CI/CD, Electron

**Databases:** PostgreSQL, SQLite

## EDUCATION

### Master Web & Data Architect

Ecole IPSSI  
2021 - 2023

### Bachelor's degree in Computerized Methods of Business Management (MIAE)

University of Rennes1  
Graduated in 2021

## SPOKEN LANGUAGES

- French (native)
- English (B2 level)

## PROFESSIONAL EXPERIENCE

### Lead Full-Stack Developer and DevOps, Open Source ZaneOps | February 2024 - Present

Link: [zaneops.dev](https://zaneops.dev)

Built ZaneOps, an open-source self-hosted PaaS inspired by [Railway](#), [Vercel](#), and [Coolify](#). It simplifies app deployment and CI/CD on personal servers. The project gained over **900 GitHub stars** and **100+ users**.

#### Key responsibilities include:

- Defining and designing the architecture of the platform as well as defining the direction of the project and the features to implement
- Built robust backend API using Python/Django with comprehensive [test coverage](#) through TDD methodology, with an [OpenAPI documentation](#)
- Integrated [Temporal.io](#) for reliable background job processing
- Mentoring a junior developer on frontend development tasks and best practices

**Tech Stack:** Python/Django, Temporal.io, Postgres, Docker swarm, TypeScript, Vite, React, TailwindCSS

### FullStack developer, Freelance French Flair Agency | April - June 2025

Link: [frenchflair.pro](https://frenchflair.pro)

I was engaged as a freelance professional by FrenchFlair, a digital consultancy agency that works on software solutions aimed at promoting diversity and inclusion, with clients like **ACTION**, **THOM group**, **Electro Depot**, etc.

#### Key responsibilities included:

- Working on the frontend of the main application [1PAD.fr](#), a quiz game like duolingo, aimed at educating companies about accessibility and diversity
- Adapting the app visual image and content for new companies, with THOM as one of the first clients at [thom.1pad.fr](#)

**Tech Stack:** Next.js, Supabase, TailwindCSS, PostgreSQL, SST.dev

### Backend Developer and Devops, Freelance Sparkup | October 2024 - January 2025

Link: [sparkup.app](https://sparkup.app)

I worked at Sparkup, a streaming platform for large-scale events like conferences and concerts. I contributed to [The Great Dictation for the Climate](#), a live broadcast with **10,000+ viewers**, featuring real-time streaming, emoji reactions, a webcam wall, and live comments. Sparkup's clients include **Decathlon**, **Nestlé**, and **L'Oréal**.

#### My key responsibilities included:

- Migrating the infrastructure from [AWS ECS](#) to [Scaleway](#) bare metal servers to optimize server costs.
- Implementing an on-demand provisioning and decommissioning system for servers during live sessions using [Temporal.io](#) and [Pulumi](#), tailored to the new Scaleway setup.
- Conducting stress tests with [Grafana/k6](#) to ensure the new servers could efficiently scale with fluctuating traffic.
- Transitioning an existing custom Python WebSocket server to a more scalable solution using [Centrifugo](#), an open source and distributed realtime messaging server

**Tech Stack:** Python/Django, Temporal.io, Scaleway, AWS ECS, Pulumi, Grafana, Centrifugo, AngularJS

## Full-Stack Developer, Freelance Procurato | July 2024

**Link:** [search.procurato.de](https://search.procurato.de)

I was approached as Freelance by [Richard Poelder](#) to work on Procurato, a Next.js app designed to provide a better UI for querying the German company database [handelsregister.de](https://handelsregister.de) and retrieving company administrative information.

### Key responsibilities included:

- Migrating the app's data-fetching process to [Inngest](#), a background job service, to improve performance, as the app previously fetched documents directly on request, leading to slow response times.
- Implementing new features to query and download historical documents, including the list of shareholders and documents related to various fundraising stages.

**Tech Stack** : Next.js , TailwindCSS , Vercel , PostgreSQL , Railway, Inngest (background jobs)

## Full-Stack developer, Full-time Modular Cloud | September 2023 - may 2024

**Link:** [github.com/modularcloud/explorer](https://github.com/modularcloud/explorer)

I joined Modular Cloud in September 2023 as a full-stack developer, first as a contractor, then full-time. I worked on an [open-source](#) block explorer for blockchain data.

### My key responsibilities included:

- Migrating the project from its old design to a new design system in collaboration with a designer
- Integrating the [Figma design](#) using a pixel-perfect approach
- Implementing an Electron port for a local developer-friendly version of the app
- Improving the codebase and resolving performance issues as new features were added

**Tech Stack** : Next.js, TailwindCSS, Vercel, Electron, SQLite, AWS ECS, PostgreSQL

## Frontend Developer, Freelance ProPR consulting | August 2022

**Link:** [proprconsulting.com](https://proprconsulting.com)

Delivered complete landing page integration from Figma designs to production deployment.

### Key responsibilities included:

- Integrating a 3-page responsive website using Next.js and TailwindCSS
- Deploying the site to Vercel

**Tech Stack** : Next.js , TailwindCSS , Vercel

## Frontend Developer, Full-time monemprunt.com | August 2021 - September 2023

**Link:** [monemprunt.com](https://monemprunt.com)

### Key responsibilities included:

- Migrating [monemprunt.com](https://monemprunt.com) from Drupal to Gatsby and Strapi, and later deploying it on Google Cloud Platform
- Implementing a design system and component library for monemprunt which we reused on a many projects, [Demo link](#)
- I was also made in charge to create a monorepo where we put all of our frontend websites and apps
- Developing new mortgage simulators as widgets for partners' websites to estimate monthly real estate mortgages, and if they need more info redirect to monemprunt.com, [Demo link](#)
- Integrating various websites, including [pro.monemprunt.com](https://pro.monemprunt.com), a website for presenting all the services of monemprunt to their partners, presented at the "RENT", a real estate exhibition in Paris on Oct 20-21, 2021

**Tech Stack** : GatsbyJS, Typescript, TailwindCSS, Strapi, Gitlab CI and Google Cloud Platform