

# Mathis ENGELS

FULL STACK DEVELOPER. REACT | NEXT.JS | NODE

Valenciennes, France

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## Experience

### Freelance

Lille, France - Remote

#### FREELANCE FULLSTACK DEVELOPER

September 2023 - Today

- Creation of modern web applications using React, Next.js, Astro, Svelte, Typescript, TailwindCSS, ...
- Back-end development with Node.js, DB (SQL and noSQL).
- In collaboration with customers, I listen to their specific needs, to meet them as best I can. (Professionals and individuals)
- Technical support to guarantee product quality.
- Technology watch to keep abreast of the latest frameworks and technologies.

### Renex - Freelance

Marly, France - Remote

#### FRONTEND DEVELOPER

May 2024 - June 2024

- Creation and implementation of a new landing page (Figma).
- Maintenance and optimisation of the project (WordPress).

### Ex-nihilo.agency - Freelance

Lille, France - Remote

#### FRONTEND DEVELOPER

February 2024 - March 2024

- Front-end development of the agency's showcase site (React, Next.js, Typescript, TailwindCSS, Framer-motion).
- Contribution to the design of the website for an optimal user experience, while respecting the customer's requirements.
- Technical SEO optimization.

### Smile

Lille, France - Hybrid

#### FULLSTACK DEVELOPER

January 2023 - June 2023

- Creation of customized web solutions for customers ranging from small businesses to large organizations.
- Close collaboration with customers to best meet their needs.
- Design of modern, innovative front-ends based on the ReactJS framework (ReactJS, NextJS, ThreeJS).
- Development of robust, scalable back-ends for optimum performance (NodeJS, Java).
- Adoption of best development practices such as Typescript, clean code, CI/CD (GitHub Actions) and deployment on AWS.

### AXA

Lille, France - Hybrid

#### OPERATIONS DEVELOPER

October 2022 - December 2022

- Managed the release into production of various projects, ensuring a smooth transition between testing, pre-production and production environments, ensuring optimal availability and performance. (Azure DevOps)
- Agile resolution of operational issues, including proactive management of bug reports and fluid communication with development teams.
- Development of tailor-made Python scripts aimed at automating and optimizing the team's daily tasks.
- Technical assistance on ReactJS projects, contributing to the implementation of innovative and effective solutions.

### Sopra Banking Software

Saint-Herblain, France - Hybrid

#### JAVA DEVOPS INTERN

March 2022 - September 2022

- Development and implementation of a cloud-native software in the banking sector with a microservice architecture (Java, Angular, Kubernetes, GitLab CI, Kube, Tests) in collaboration with the international (India), all in a DevOps environment.
- Security audit resolution
- Practice of the agile SCRUM cycle

## Skills

### Programming languages

Typescript, JavaScript, Java, C, C++, Python, SQL, HTML/CSS, Go

### Frameworks/Tools

React.js, Next.js, Astro.js, Svelte, Node.JS, Express.js, TailwindCSS, Jest/Vitest, Git, AWS, Docker, CI/CD (GitHub Actions)

### Languages

French (Mother tongue), English (Advanced level), Spanish (Beginner level), Norwegian (Beginner level)

## Projects

### TSFlow

- <https://github.com/baento/tsflow>
- Co-author of TSFlow, a lightweight and intuitive open-source framework for defining and running BDD tests in your projects, inspired by SpecFlow and jest-cucumber.

### Personal

- Development of multiple fullstack webapps (React, Next.js, Astro.js, Svelte, Node.js, MongoDB, GraphQL, Typescript)
- Homelab (PiHole, DDNS, NAS, Docker, Terraform, Ansible, Jenkins) on a Raspberry cluster
- Orchestration of many physical and virtual processes using Arduino/Raspberry

## Education

### Master CDSI equivalent to Master's degree in Cyberdefense and Information security

Valenciennes, France

#### INSA HAUTS-DE-FRANCE

2020 - 2022

Common core of computer engineering with a focus on cybersecurity. Graduated with honors.