

Full-stack software engineer passionate about writing clean, well-tested, and maintainable code. Experienced in modern CI/CD pipelines and cloud deployments. Looking to contribute to innovative projects within a collaborative team. Currently operating in France, but open to remote working or moving to another country.

Work Experience

Lead full-stack developer	SFEIR Lille, France	March 2024–Present
● Development and maintenance of Java micro-services using SpringBoot and Terraform ● Development of a micro front-end application in React.js / NextJS ● Technical leadership of a development team, establishment of best practices, and coaching of team members to enhance their technical skills ● Actively working with the company's software architects ● Development of a new loyalty program, including front-end integration of a new dedicated design system ● Integration of two-factor authentication in a publicly available website ● Organized company events, including finding and inviting guest speakers on software development and IT topics		
Software engineer	CGI Lille, France	2022–2024
● Development of Java micro-services using SpringBoot ● Contributed to building a warehouse application and a mobile app's back for front application for a world-renowned sport equipment manufacturer, using Java SpringBoot and Angular ● Building a front-end application in React.js ● Working in a feature team using agile principles ● Application of the "You build, you run it" paradigm and using monitoring tools like Datadog on a daily basis		
Data consultant	CGI Lille, France	2019–2022
● Integration of InterSystems ESB platform ● Design and development of ETL/ELT data flows feeding a centralized MDM system for various clients		
Apprenticeship student in software engineering	CGI Lille, France	2018–2019
● Integration of InterSystems ESB platform for several French government institutions ● Development of REST APIs ● Creation of a new intern application in Angular consuming REST APIs		
Apprenticeship student IT student	SICAD Capinghem, France	2016-2018
● Software engineer in VB.net ● Administration of the infrastructure of the company ● Helpdesk		

Education and Certifications

- **Bachelor's Degree in Computer Science** (Work-Study Program), EPSI, Arras 2018–2019
- **Two-year Technical Degree in Computer Science** (Work-Study Program), Gaston Berger, Lille 2016–2018
- **High School Diploma with a specialisation in Computer Science**, Lycée Ozanam, Lille 2015-2016

Technologies and Languages

- Programming languages: Java, TypeScript/JavaScript, Python, SQL
- Technologies: SpringBoot, NextJS, Angular, NestJS, Pubsub, Kubernetes, Google Cloud Platform
- Other: DevOps (including GitOps with ArgoCD), Hashicorp Vault and Terraform, OAuth2

Projects

- **Technical blogging** on sfeir.dev, popular articles include an introduction to vibe coding and the upsides and downsides of such a practice.
- **Personal project** featuring a NestJS REST API, a NuxtJS frontend, and a Kubernetes cluster set up from scratch with CI/CD using GitHub Actions.
- **Overall research around generative and agentic AI**

Other Sections

- **Spoken languages:** English (C1), French (Native)
- **Certifications and Courses**
 - CKAD Kubernetes certified
 - Currently preparing React certification

Interests

- Music (Bass and guitar)
- Motorcycle rider
- Automation (including home automation)