



Kevin KIN-FOO

📍 Toulouse, France ✉ kinfoo.fr 🌐 kin-foo 🗣 KINFOO

Senior Software Engineer | 15 Years of Experience

Driving license

Fluent in English & French.

Experience

Lead Backend Full Stack | Freelance

*Toulouse, France
Jan 2025 – present*

ForgeTheWeb

- Training team and actual use of Test Driven Development
- Design and review features
- Setting up unit and integration tests
- Setting up *Site Reliability Engineering* processes
- Setting up & maintain *Continuous Integration*
- Setting up & maintain *Continuous Delivery*
- Ruby on Rails Solid Queue jobs
- Initiate & operate production and pre-production instances from scratch
- Containerize production with **Docker**
- Product orchestration with **Kubernetes**
- **Tools:** Ruby on Rails, Kubernetes, Docker, Helm, Docker compose, Git, GitHub, GitHub Action, Kanban, OVH, Heroku

Lead Backend Full Stack on [Light BMS](#), smart building.

*Nice area, France / Full
Remote
Oct 2023 – June 2024*

Smart & Connective

- RESTful API design & implementation
- Backend and Front-end code reviews
- Full Stack solution operation
- Mentoring junior developers
- *Mob programming* product integration on secure customer site
- **Tools:** Typescript, Next.js, NestJS, AWS, Kubernetes, Git, Gitlab, MySQL, ElasticSearch

Senior Full Stack Developer on [AirVantage](#) IoT platform

*Toulouse area, France
Apr 2021 – Oct 2023*

Sierra Wireless / Semtech

- User interface design & implementation
- Curated member of duty team, L3 support duty for our cloud products
- Security workflows for [Hybrid Cloud](#) product, which consists of signing commands from the browser for devices to verify, then execute.
- All this **in English**
- **Tools:** Typescript, React, Docker, AWS, Kubernetes, Git, Kanban, GitHub, Cryptography, Figma

Full Stack Developer on [AirVantage](#) IoT platform

*Toulouse area, France
Dec 2018 – Apr 2021*

Sierra Wireless / Semtech

- User interface design & implementation user interfaces
- Design and operation of scheduled backend jobs matching hardware identifiers to IMEIs

- IoT hardware integration in platform
- CI server maintenance
- All this **in English**
- **Tools:** Node, Docker, AWS, Kubernetes, Git, Scrum, GitHub

Open Source Developer on [Lua Development Tools](#)

Sierra Wireless / Semtech

Toulouse area, France

Apr 2011 – Dec 2018

- Open Source Eclipse based IDE for the Lua language in Koneki project.
- All this **in English**
- **Tools:** Java, Eclipse, Git, Lua, GitHub, Language theory, Scrum

Open Source Developer on [Kopete](#)

KDE

Toulouse, France

Sept 2008 – June 2009

- Integration of a protocol in KDE's multi-protocol instant messaging client.
- **Tools:** C++, CMake, Linux, Qt

Certifications

2024: [Clean Architecture with React & NextJS](#) from [Ancy Academy](#)

2024: [Clean Architecture with NestJS](#) from [Ancy Academy](#)

2022: [Docker & Kubernetes](#) from [enix.io](#)

Education

Université Paul Sabatier Toulouse III

Sept 2006 – June 2010

Master IUP ISI in Software Engineering

Hobbies

Badminton: Club grade training & team captain

Fitness: Journey to the summer body