

# Aurélien STÉBÉ

Freelance Tech Lead Software Engineer

France - Guadeloupe (UTC -4)

✉ Aurelien.Stebe@gmail.com

🐙 GitHub.com/AurelienStebe

in LinkedIn.com/AurelienStebe

*Creative software developer with over 20 years of expertise in web technologies, from back to front. Adept at leading diverse remote teams and managing end-to-end projects delivering scalable solutions. Committed to smart collaborative technical leadership, meticulous quality, and relentless bug hunting. Passionate about cutting-edge technologies, modernizing legacy systems, and generative AI integrations.*

## Experience

2020

**Freelance Tech Lead Engineer**, (via *Toptal*), <https://www.toptal.com/resume/aurelien-stebe>

- Managed full project lifecycles, from requirements analysis and feature planning to secure cloud deployments.
- Developed technical architectures for diverse web application projects using modern JavaScript frameworks.
- Engineered robust back-end systems with Python and Ruby, integrating advanced APIs and external services.
- Created and maintaining "Gladdis", an innovative open-source Obsidian plugin to support agentic AI natively.

2020  
2017

**Senior Full Stack Principal Engineer**, *Studio BeDesign* (remote), <https://studio-bedesign.com>

Established the complete IT infrastructure for a dynamic web agency by orchestrating the seamless migration from a legacy Django eCommerce platform to a custom WordPress solution. Developed a robust Docker-based deployment and hosting process while mentoring team members on modern web design and development.

2017  
2012

**Senior Full Stack Software Engineer**, *Exelcia IT*, <https://www.exelcia-it.com>

Joined an expert Java consultancy serving telecom and airline sectors, which more than tripled in 5 years.

- Participated in the challenging merger of two large customer support platforms (Orange Caraïbes & Réunion).
- Specialized in Unix Server administration and Travel Data analysis tooling for multiple airline companies.

2012  
2010

**Java Full Stack Software Engineer**, *Telespazio* (VEGA UK), <https://www.telespazio.com>

Led the specification and implementation of an Operations Management Environment for ESA's Sentinel-1 mission. Developed a unified Grails-based web portal integrating ticketing (Jira), inventory (OCS), and document management (KnowledgeTree), collaborating closely with clients on taxonomy and workflow design.

2010  
2003

**Java Backend Software Engineer**, *European Space Agency* (ESA), <https://www.esa.int>

Actively contributed to the "International Virtual Observatory Alliance" (IVOA) efforts to create standards and implementations for the open and seamless publication, discovery, and analysis of astronomical data.

- Traveled with a team of 8 all over the world, giving talks in biannual conferences, leading workshops.
- Worked in autonomy on the Resource Registry Working Group, nominated Vice-Chairman for 3 years.
- Released the first fully Harvestable and Searchable Registry, adopted as the [official Euro-VO Registry](#).

## Education

2003  
1999

**Master of Computer Science**, *ISEP – Institut Supérieur d'Électronique de Paris*, France

Graduate school of Software Engineering, Telecommunications, Networks & Electronics, <https://en.isep.fr>

## Tech Skills

### Languages

JavaScript, TypeScript, Python, Ruby

### Cloud Services

Docker, AWS, Azure, GCP, Firebase

### Databases

Relational, NoSQL, Elastic, GraphQL

### Front-End

React, Vue, Svelte, TailwindCSS, Sass

### JS Tooling

Rollup, Webpack, Vitest, Jest, Express

### Frameworks

Next/Nuxt.js, Vite, Django, WordPress

## Soft Skills

### Trilingual

Fluent in English, French and Spanish

### Architecture

Jamstack, Event-Driven, Microservices

### Public Talk

Conferences, Presentations, Workshops

### Leadership

Cross-Functional Technical Knowledge

## Interests

### Hobbies

Gardening, sailing, aviation, apiculture

### Sports

Brazilian Jiu-Jitsu, swimming, judo