# Aurélien STÉBÉ

*Freelance Tech Lead Software Engineer*

France - Guadeloupe (UTC -4)

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*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

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|---|---|---|---|
| **Languages** | JavaScript, TypeScript, Python, Ruby | **Front-End** | React, Vue, Svelte, TailwindCSS, Sass |
| **Cloud Services** | Docker, AWS, Azure, GCP, Firebase | **JS Tooling** | Rollup, Webpack, Vitest, Jest, Express |
| **Databases** | Relational, NoSQL, Elastic, GraphQL | **Frameworks** | Next/Nuxt.js, Vite, Django, WordPress |

## Soft Skills

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|---|---|---|---|
| **Trilingual** | Fluent in English, French and Spanish | **Public Talk** | Conferences, Presentations, Workshops |
| **Architecture** | Jamstack, Event-Driven, Microservices | **Leadership** | Cross-Functional Technical Knowledge |

## Interests

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|---|---|---|---|
| **Hobbies** | Gardening, sailing, aviation, apiculture | **Sports** | Brazilian Jiu-Jitsu, swimming, judo |