

Aurélien STÉBÉ

Freelance Tech Lead Software Engineer

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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 merge 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 bi-annual 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