

Arthur Nunes

Web Crawling Engineer

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Summary

Brazilian software engineer based in Barcelona, working on the Data Collection team at Centric Software for the past three years. I build and maintain web scraping pipelines across thousands of retail and fashion websites, feeding data into pricing intelligence, trend forecasting, and competitor monitoring products. I learned to code at 42 Barcelona, which shaped how I approach problems: hands-on, collaborative, and always digging into how things actually work.

I am AI-curious and like to keep up with the news. I use it daily, either at work or on my personal projects.

Key Skills

Python | Scrapy | Web Scraping | REST APIs | GraphQL | Docker | Linux | SQL | Git | JavaScript

Professional Experience

Web Crawling Engineer, Centric Software, *Remote, Spain* | June 2023 - Present

Developed and maintained Fashion scrapers at scale.

- Own scrapers end to end, from building new ones to maintaining and optimizing existing pipelines across thousands of retail and fashion websites.
- Brought multiple spiders' running costs down from hundreds of dollars to under \$10 by rethinking proxy strategies and request flows. Also achieved 10x+ speed improvements on several spiders.
- Dealt with anti-bot challenges daily, finding the right balance between reliability, speed, and cost, whether that's through Scrapy, API reverse engineering, or headless solutions.
- Work closely with Customer Success, and Data Science to make sure what we're collecting actually matches what clients need. A lot of my value here is aligning expectations before any code gets written.
- First in-house web scraping focused developer. Helped onboard and supported newer engineers as the team grew.

Education

Technical Studies, Computer Engineering, 42 Barcelona

Bachelor's Degree(attended), Computer Science, Universidade de Fortaleza

Additional Training & Certifications

DIO Campus Expert, Apprenticeship | 2022

C2 Advanced English Certification, EF SET | 2021

Languages

English (C2) | Spanish (native) | Portuguese (native) | Catalan (C2)