Aurelio Sandoval Staff Documentation Engineer

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PROFILE SUMMARY

- **Staff Documentation Engineer** with **13 years** in software, setting the technical direction for New Relic's open source docs site, built on **Gatsby** and **MDX**, and the build, translation and search systems behind it.
- Works in **JavaScript**, **TypeScript** and **Python**, deploys on **Netlify**, checks content with **Vale** and **Jest**, and runs translation jobs in **GitHub Actions**.
- Known for **docs platform roadmaps**, **machine translation for 5 languages** and **docs metrics leadership reads**, after 5 years building Typeform's developer portal and API reference.
- Works with the docs writing team, product engineering, localization and support leadership, and chairs the review for every change to the docs site's build and components.
- Mentors **4** engineers and writers on the docs platform, wrote the **MDX component standards**, and runs the quarterly docs platform roadmap review with the head of docs.

TECHNICAL SKILLS

Programming & Scripting:	JavaScript, TypeScript, Python, Bash
Docs Site Generators:	Gatsby, Docusaurus, Next.js
Markup & Content Formats:	MDX, Markdown, YAML, JSON
API Reference Tooling:	OpenAPI, Redocly, GraphQL, Swagger
CI, Hosting & Previews:	GitHub Actions, Netlify, Docker, AWS
Docs Quality Tools:	Vale, Jest, ESLint, lychee
Search & Analytics:	Elasticsearch, Algolia DocSearch, Google Analytics 4, Looker

EDUCATION

Universitat Politècnica de Catalunya — Engineering Degree in Informatics — Barcelona, Spain · Sep 2008 to Jul 2013

WORK EXPERIENCE

New Relic — Staff Software Engineer, Docs Platform — Barcelona, Spain · Feb 2019 to Present

- Co-led the move of about **5,800** docs pages from the old CMS to the open source **Gatsby** site, with automated redirects for every URL, and kept organic docs traffic flat through the switch.
- Built the daily **GitHub Actions** job that sends changed pages to machine translation and opens pull requests for **5** languages, cutting the lag between an English update and its Japanese page from 6 weeks to **1 day**.
- Added **Vale** style checks and an **MDX** validation step for English and translated pages to every pull request, catching about **1,300** broken pages a year before they reached the live site.
- Designed the **MDX** component library and the edit-on-GitHub flow that lets any employee or customer suggest a fix, growing outside docs contributors to **300+** a year.
- Built the quarterly docs scorecard leadership reviews (search success, page feedback, support deflection) and tied each writing team's goals to it, cutting docs-related support cases by **19%** in a year.

Typeform — Software Engineer — Barcelona, Spain · Sep 2013 to Jan 2019

- Generated the **Create**, **Responses** and **Webhooks** API reference from **OpenAPI** specs with **Redocly**, replacing **120** hand-written pages that fell behind every release.
- Planned the developer portal's structure with the product writers (getting started, guides, reference, changelog) and merged **45** overlapping pages into 12 guides.
- Added **Algolia** search with filters by API to the developer portal, raising searches that end in a click to **61%**.