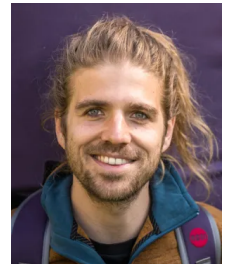


# Marc Duby

Senior Software Engineer · Full-Stack Web Developer

Currently based in Cape Town, South Africa · Swiss Citizen

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## Profile

- **Senior Software Engineer** with 10+ years of experience building reliable, scalable systems for digital media, large-scale content platforms, and user-facing applications. Specialised in modern web engineering (TypeScript, Node, SvelteKit, React), backend systems, cloud platforms, and data workflows.
- Lead full-stack developer at **The New Humanitarian**, responsible for the organisation's entire technical stack – from a 100k+ article Drupal system to a custom SvelteKit storytelling framework supporting award-winning investigations. Skilled at driving projects end-to-end, from scoping and architecture to implementation, deployment, and long-term maintenance.
- I thrive in **high-autonomy, mission-driven environments** where engineering directly impacts people's lives. Strongly aligned with mission-driven organisations and motivated to build systems that deliver clear value to users, organisations, and stakeholders.

## Core Skills

- **Languages & Frameworks:**  
TypeScript, JavaScript, Python, Node.js, SvelteKit, React, Vue, PHP, SQL, HTML/CSS
- **Backend & Architecture:**  
APIs, microservices, serverless, PostgreSQL, MongoDB, Storyblok, Contentful
- **Cloud & DevOps:** AWS, Cloudflare, Vercel, Docker, CI/CD, Linux/CLI
- **Product & UX:** User-centred design, data visualisation, prototyping, Figma, Adobe CC
- **Other:** Debugging, cybersecurity, systems thinking, cross-functional collaboration, project ownership

## Professional Experience

### Senior Web Developer — The New Humanitarian (Remote) • 2019–Present

Lead engineer for the organisation's digital ecosystem, including a Drupal platform hosting 100k+ articles.

- Built a bespoke interactive storytelling framework in SvelteKit used for award-winning investigations.
- Led the development of a new members' portal, fully integrated with the 100k+ article Drupal platform to manage user access and subscriptions.
- Architected backend services, APIs, and automation pipelines that significantly reduced manual publishing steps and improved reliability.
- Strengthened security, data hygiene, and long-term maintainability; partnered with external cybersecurity teams to improve organisational security standards.
- Managed the project and collaboration with an external agency to integrate Stripe for payment platforms, ensuring secure payment processing and financial data flow.
- Delivered internal tools supporting crisis reporting and global field operations.
- Improved CI/CD, documentation, observability, and internal developer workflows.
- Operate as both product thinker and engineer.

## **Freelance Interaction Designer & Full-Stack Developer — 2018–2019**

- Built interactive web experiences and CMS tools for media and NGO clients.
- Provided consulting on UX, frontend architecture, and system modernisation.

## **Interactive News Designer — Tages-Anzeiger, Zurich • 2015–2018**

First developer in the Interaktiv Team, creating high-impact, industry-leading data journalism.

- Built award-winning interactive stories (European Newspaper Award, Swiss Press Award).
- Delivered data visualisations and storytelling tools for large audiences.

## **Lecturer in Web Development — FHGR University of Applied Sciences • 2015–Present**

Teach modern web development and interactive media to Bachelor students. Remote, flexible schedule.

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## **Selected Achievements**

- One World Media Awards (2020, 2022, 2023, 2024), including Coronavirus Reporting Award
  - Covering Climate Now Award (2021)
  - European Newspaper Award (2015 & 2016)
  - Swiss Press Award, 2nd place, Online Journalism (2016)
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## **Education**

BSc Media Engineering — University of Applied Sciences, Switzerland (2011–2014)

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## **Technical Strengths**

- **Scalable systems:** Maintain high-uptime platforms serving global audiences.
  - **Product-led engineering:** Build tools used by used across cross-functional teams.
  - **Rapid-response tooling:** Experience building systems for fast-paced operational needs
  - **CI/CD & quality:** Automated pipelines, testing, monitoring, documentation.
  - **Ownership:** Regularly the lead or sole engineer on major systems.
  - **Python & AWS:** Used for data processing, APIs, automation; experienced with AWS, Cloudflare, Vercel.
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## **Languages**

English (C2; 8 years in South Africa) · German & Swiss German (native) · French (working)

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## **Location & Eligibility**

Cape Town–based (aligned with EA/CET time zones).

Swiss citizen; fully eligible for remote employment with UK organisations.

Available for travel as needed.

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## **Interests**

Trail running, rock climbing, mountain biking, photography, and creative storytelling.