Miguel Mejía

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Professional Summary

Web developer with a background in graphic design and experience in building accessible web applications and websites. Combining programming skills in JavaScript, TypeScript, React.js, and Python with visual communication strategies to develop optimized, user-centric products aligned with UI/UX and accessibility principles. Driven by an analytical mindset and a focus on sustainability, passionate about building digital tools that promote fair access to information, enhance accessibility and user experience, while fostering more inclusive narratives.

Work Experience

MMejia
Web Developer and Visual Communicator, 07.2014 – Present

Responsibilities:
- Development and implementation of accessible websites (Microsites, SSG and WordPress) for organizations and collectives.
- Information architecture design and user-centered digital experiences.
- Management and support of digital platforms.
- Creation of visual narratives.

Achievements:
- Developed two open-source tools: a Unicode BMP text compressor based on Huffman encoding and an extensible markdown interpreter within the browser, reducing file sizes by up to 40% and improving text-processing efficiency.
- Structured narratives and designed websites for Fundación Selección Colombia, ReGenera (Spain), and Atelier Lapaetau (Germany), reaching an audience of 5000+ monthly users..
- Integrated visual communication, design thinking, and web development to improve accessibility, UX, and efficiency in digital storytelling.

Amazink Studio
Head of Communications and Technology, 06.2020 – 10.2023

Responsibilities:
- Development of web applications and platforms for NGOs, international cooperation projects, and civil society organizations.
- Management of the studio's digital infrastructure.
- Data analysis and narrative development for projects on climate change, culture, gender, and labor rights.
- Information architecture and script development for visual narratives.

Achievements:
- Built the studio's project management platform, reducing team overtime by 60% and project delays by 15%, while optimizing team formation, workload distribution, and budget tracking.
- Designed and developed the 'Domestic Workers' website for the OAS | CIM, centralizing over 80 reports on the implementation of ILO Conventions 189 and 190, along with national regulations from countries across the region, improving accessibility and policy tracking.
- Led and facilitated discussions on AI and LLMs, resulting in the adoption of 10 key ethical guidelines and the implementation of streamlined workflows that improved AI integration within the studio.
- Adapted and implemented the Scrum methodology to align with the studio's needs and workflow, leading to a 20% increase in sprint efficiency and improving cross-functional collaboration.

Education

Graphic Designer, Universidad Nacional de Colombia, Bogotá, 2010

Courses & Certifications
Computer Science & Backend Development, Boot.Dev, 11.2024 – Actualidad
CS50: Introduction to Computer Science, Harvard University (edX), 2024
Full Stack JavaScript Path, The Odin Project, 2023 – 2024

Skills

Languages: JavaScript/TypeScript, Python, SQL, Lua, Bash, CSS (SASS, SCSS)
Environments: Node.js, Deno
Libraries & Frameworks: React.js, React Router, Express.js
Development Tools: Git, Vite, Vitest, Jest, React Testing Library
Deployment & Hosting: AWS (S3, CloudFront, Route53), Vercel
Design & Accessibility: UI/UX, Semantic HTML, Information Architecture, User-Centered Design, Web Accessibility (a11y), Figma, Adobe Creative Suite

Languages

Spanish: Native
English: B2 (Upper Intermediate - CEFR)