

# MONICA MORAIS MARQUES

## - SOFTWARE DEVELOPER -

I have been working in development/tech for over **20 years**, focusing on data integrity, efficient systems design and delivering great quality code.

### PROFILE

I enjoy taking on challenging projects that push me to learn new skills and expand my perspective. Over the years, I've collaborated with governments, NGOs, private companies, and my own business, taking on roles that range from developer to technical consultant, contract negotiator, and team leader. I'm passionate about work that creates positive social impact and improves people's lives. I believe that respect, accountability, and trust foster the kind of safe and productive environments where individuals and teams can grow. My goal is to build sincere, collaborative relationships that balance business goals with people's fulfillment and promote a culture of excellence.



### CONTACT

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### SKILLS

- Python · PHP · **JavaScript** ·
- TypeScript · **Sass** · Less ·
- SQL · GraphQL · **Node.js** ·
- Rust · **React** · **Next.js** ·
- Django · GraphCMS ·
- YAML · Git · Gogs

### EDUCATION

- Engineer In Computer Technologies
- Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM)**

### LANGUAGES

English	Bilingual
Portuguese	Native language
Spanish	Bilingual

## SEE MORE OF MY WORK



<https://monicamarques.me>

### WORK EXPERIENCE

#### Engineering Manager

Episource LLC Feb 2023 | Nov 2024

**Tech Stack** Python · SQL · Scala · Git · Linux · GitHub · Data analytics · Datadog · Snowflake · Aws athena · Data warehouse · GitHub Actions

- Directed a distributed Data Analytics organization of nine members across the Americas and Vietnam, overseeing hiring, performance, and strategic alignment with corporate objectives.
- Reported to senior management on operational metrics, delivery timelines, and resource planning to ensure KPI's were met.
- Collaborated with cross-functional and executive teams to define technical roadmaps, optimize workflows, and integrate data initiatives into enterprise strategy.
- Provided mentorship and guidance to technical leads and analysts, fostering a culture of trust, accountability, and continuous improvement.

#### Engineering Team Lead

Episource LLC Feb 2023 | Nov 2024

**Tech Stack** Python · SQL · Scala · Git · Linux · GitHub · Data analytics · Datadog · Snowflake · Aws athena · Data warehouse · GitHub Actions

- Managed, mentored, and collaborated with a distributed Data Analytics team of nine members across the Americas and Vietnam.
- Represented the team in cross-functional meetings to define requirements, set timelines, and create user stories for new features.
- Planned, developed, debugged, documented, and maintained data pipelines using Python, Scala, SQL, Snowflake, and other AWS tools.

#### Frontend Technical Lead

michelada.io Apr 2022 | Oct 2022

**Tech Stack** ReactJS · NextJS · Ts · Webpack Module Federation

- Led an internal initiative to train a cohort of 50 junior developers as a cohesive unit, preparing them to contribute to multiple client projects.
- Directed the development of the company's custom CRM/ERP system, which later expanded to include payroll management functionality.
- Oversaw project planning, coordination, and technical execution to ensure successful delivery and team skill development.

#### Frontend Technical Lead

Homie.mx Nov 2021 | Apr 2022

**Tech Stack** ReactJS · NextJS · Ts · Storybook · Strapi CMS

- Led an internal rebranding project, updating the codebase and developing a React component library for use across all frontend teams.
- Successfully deployed the component library, then transitioned to refactor and standardize the application frontend to support the new branding rollout.
- Coordinated with cross-functional teams to ensure consistent design implementation and maintain development standards.

#### Senior Analyst

UN Women Apr 2021 | Nov 2021

- Collaborated with INMUJERES, a Mexican government agency, to support their internal development team.
- Assisted in conceptualizing, planning, designing, and developing a reporting tool to track the incorporation of women's clauses across all government branches.
- Ensured the tool aligned with governance standards and promoted accountability in policy implementation.

#### Founding Partner

Cantaloop MX Jan 2014 | Feb 2020

- As a founding partner I was in charge of the development team, a shared role, since I was also responsible for visiting clients, sometimes in other states within Mexico.
- I was partly responsible of negotiating new contracts, quotes and budget for the engineering department, interviewing and hiring, development, planning and negotiations with stakeholders.