# Eduardo Aguilar Cortés

Software Engineer

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## Good code is a handover.
## I write mine for the next engineer, and the agent.

Software Engineer in Mexico City, most recently at Qualtrics. Before that, Globant: Software Architect from 2022.

AVAILABILITY

| | |
|---|---|
| Available | Now |
| Based | Mexico City · open to relocation |
| Works | Remote, worldwide · overlaps US hours · hybrid in Mexico City |
| Open to | Software Architecture · Technical Lead · Senior Engineer |
| Languages | English · Spanish |
| Writing software | Since 2017 |

PROFESSIONAL EXPERIENCE

### Qualtrics
2025 — 2026

Software Engineer

A net-new enterprise module, built from requirements nobody had settled yet, shipped to Early Availability. The frontend architecture set there is the one the team built on.

**Early Availability launch**
Greenfield work against six systems: five on code old enough to be AngularJS, and one API being built in parallel, so the target moved while we integrated with it. The patterns established there are what the rest of the module follows.

**Accessibility Champion**
The team's designated champion. WCAG is checked at architectural review, where it is cheap, rather than at audit, where it is a rewrite.

**Q&Able ERG** Co-Chair · Mexico City
Co-chairs the Mexico City chapter of the Q&Able employee resource group.

### Globant
2017 — 2024

Software Architect from 2022

Four clients, one employer — ending as Software Architect with three direct reports across frontend and infrastructure.

**Cerifi** 2022 — 2024
A multi-tenant database carrying more than twenty schema variations: deployments were unpredictable and data integrity was at risk. The migration patterns were unified and automated checks put in front of them. The drift went, and it has not come back — the checks are what keep it out.

**Smile Direct Club** 2020 — 2022
Mandatory 90-day patient check-ins ran on a third-party vendor that billed every month and could not be changed. The data collection moved in-house onto PostgreSQL through the Django ORM, HIPAA-compliant throughout. The vendor's bill went to zero, and the product team could iterate on the flow for the first time.

**Cars.com** 2018 — 2020
The 'Sell It Yourself' and 'Quick Offer' funnels — the paths a seller actually walks on Cars.com — moved onto a modern stack without a pause in traffic.

**Discoverflow** 2017 — 2018
Greenfield integration design, worked out in person with the client's program managers in Miami. Offshore and onshore shipped against one definition of done instead of two.

## WHAT I BRING

Qualtrics · 2025 — 2026

**Architecture the team built on, accessible by default**

The frontend architecture set on a net-new module is the one the team built on. As the team’s Accessibility Champion, WCAG was checked at architectural review, where it is cheap.

Running on this site: One document per subject, each held to the code by a check the build runs, so the next engineer builds on rules rather than guesses.

Cerifi · 2022 — 2024

**Drift caught by automation, not by people**

Automated checks in front of more than twenty schema variations kept data drift out, instead of cleaning it up after.

Running on this site: The build checks the rules the code is written to. Break one and the failure names the rule you broke.

Smile Direct Club · 2020 — 2022

**Owning what the business depends on**

Patient check-ins moved off a vendor that billed every month and could not be changed, in-house and HIPAA-compliant throughout. The vendor’s bill went to zero.

Running on this site: Every outside vendor enters through one door, so replacing one is a change in one place.

Cars.com · 2018 — 2020

**Change without stopping the business**

The seller funnels moved onto a modern stack without a pause in traffic.

Running on this site: Merging updates the database schema and then the site in one step, so the live site and the code never disagree.

Discoverflow · 2017 — 2018

**One definition of done**

Offshore and onshore teams shipped against one definition of done.

Running on this site: Every pull request to master runs the same naming rules, the full test suite and a production build, for people and for agents alike.

## TECH STACK

React · TypeScript · JavaScript · Jest · D3 · Angular · AngularJs · Vue.js · Node.js · hapi · Redux · Next.js · Django · Python · PostgreSQL · MongoDB · .NET Core · AWS · Docker · Kubernetes · GitLab · GitHub · WordPress · Drupal · Sass · Less · CSS