

Charlie Ruiz

Software Engineer

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STATEMENT

I'm a **Software Engineer** with **10 years of experience** specialized in creating user-centric **products** that drive real value by harnessing a **diverse set of technologies and skills**. I'm a **strong communicator** in both **English and Spanish** and I always try to cultivate a **strong work culture** that translates into exceptional products and a thriving work environment.

SKILLS

Javascript / Typescript

React

Next.js

Node.js

GraphQL

AWS

SQL

No-SQL

Solidity

Python (Django)

Framer Motion

WebGL (3D)

React Native

EXPERIENCE

○ Sr. Software Engineer • Royal | Mar 23 → now | Austin, TX

Led the implementation of our UI design system supporting light/dark modes and accessibility, enhancing cross-app utilization. Collaborated with design teams to craft engaging web animations using Canvas API and WebGL. Played a key role in auditing and developing smart contracts for our provenance protocol, and built tools for indexing and search functionalities. Actively involved in DevOps deployment tasks, leveraging AWS to ensure efficient deployment processes. Currently developing an SDK to enable external integration of our protocol, aiming for open-source distribution.

○ Sr. Software Engineer • Chiru Labs (Contract) | Dec 23 → Mar 24 | Los Angeles, CA (Remote)

In a three-month contract, crafted multiple front-end pages with attention to pixel-perfect design and user experience, including implementing animations. Enhanced performance by auditing and optimizing resource-heavy pages, reducing load times by 50% through advanced React functionalities and image optimization. Developed front-end and back-end components for a community raffle feature and mentored new developers in software engineering practices.

○ Sr. Software Engineer • Yuga Labs | Jun 22 → Oct 23 | Austin, TX (Remote)

Acted as tech lead for numerous projects, one of them being a web3 physical/digital collaboration with Gucci that generated ~\$6 Million in revenue in 24 hours. Led the in-browser 3D efforts using WebGL. Built Opensea-like capability for our internal testnet; resulted in savings of 60 hrs/wk in QA testing effort. Worked in multiple smart-contracts life-cycle. Wrote multiple documents on team culture, beginner's guides and tech specs. Created a tailor-made CMS for our product team. Designed and implemented a Blockchain + Shopify purchase flow. Used Next.js, Typescript, SQL, AWS & Solidity.

○ Sr. Software Engineer • Resideo | Apr 21 → Jun 22 | Austin, TX

Maintained 2 admin portals to manage the interaction with the companies distributing our products. Led the effort to hire 8+ engineers and fully staff a team. Led technically the development of the centralized auth portal. Proposed and implemented a workflow with free tooling to optimize the engineering-design collaboration process. Used React.js, Next.js, Typescript and GraphQL.

○ Sr. Software Engineer • Sofia | Jan 20 → Apr 21 | Mexico City, Mexico

Built and maintained multiple modules of the mobile app, the admin panel, the backend and the website. Led the efforts to get our API service audited and improved in terms of security. Led the app release unit for +6 months. Built internal tooling and automated multiple stages of the QA process cutting the avg. time to run an end-to-end test by 40%. Used Next.JS, React native, Python and SQL.

EDUCATION

B.Sc. Software Engineering

Universidad Autonoma de Queretaro

Finished in Dec 2017 GPA 93/100

INTERESTS

Artificial Inteligence

Blockchain

Cybersecurity

Leadership / Mentorship

Work Culture

Automation