

CHARLIE RUIZ

SOFTWARE ENGINEER

Austin Greater Area

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ABOUT

SWE with 9-yoe. Proficient in **Javascript/Typescript, React, Next.js, Solidity, SQL/No-SQL, AWS**, and more, with diverse skills and leadership experience.

EDUCATION

Universidad Autónoma de Querétaro - B.S. in Software Engineering

Graduated in Dec 2017

GPA 93 / 100

EXPERIENCE

○ **SR SOFTWARE ENGINEER** | Yuga Labs | *Jun 2022 - Oct 2023* | Austin, TX (Remote)

Acted as tech lead for some 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. We were acquired by Yuga Labs. Designed and implemented a Blockchain + Shopify purchase flow. Used **Next.js, Typescript, SQL, AWS & Solidity**.

○ **SR SOFTWARE ENGINEER** | Resideo | *Apr 2021 - Jun 2022* | 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 2020 - Apr 2021* | Mexico City (Remote)

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**.

○ **SOFTWARE ENGINEER** | MM LaFleur | *Jun 2019 - Jan 2020* | New York City, NY (Remote)

Built the checkout micro-frontend and integrated it with the e-commerce API we were using. Maintained the shared UI components library to make it reusable and easily accessible from other micro-frontend projects. Used **React.js / Next.js**.

○ **SOFTWARE ENGINEER** | mienvio | *Oct 2018 - Jun 2019* | Queretaro, Qro

Reduced the database load times by 85% using stored procedures and materialized views. Built the search engine both in the front-end and backend. Used **React.js / SQL / Laravel (PHP)**.

○ **SOFTWARE ENGINEER & TEAM LEAD** | Innovation Workshop | *Oct 2015 - Oct 2018* | Queretaro, Qro

Built & maintained +50 web apps mainly for e-commerce & real estate. Used **PHP, SQL, Wordpress & CentOS** servers with **Nginx**.

TECHNICAL SKILLS

Programming Languages:

Javascript/TS: 9 yoe

SQL: +6 yoe

HTML / CSS: +8 yoe

PHP: +5 yoe

Solidity: +2 yoe

Python / Django: +2 yoe

Other Technologies

Frameworks: **React, Next.JS, React Native**

State Management: **Mobx, React context**

Stylings: **Tailwind, Styled.components**

Infra: **AWS, Heroku**

Version Control: **Git**

INTERESTS

- AI
- Blockchain
- Cybersecurity
- Leadership
- Team management