

# Eddie Poulson Valdez

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## WORK EXPERIENCE

**Capital Group** (contracted via Insight Global)

**Jan. 2024 - Now**

*Jr. Software Engineer*

*Irvine, CA*

- Spearheaded a major update of a critical application registry module in a monolithic Django application. My redesign resolved long standing bugs, improved reliability, and introduced server-side processing, making data retrieval faster, more efficient, and seamless for teams.
- Refactored a high-visibility feature to optimize template rendering, reducing load times from several minutes to under one second. Achieved this by refining ORM queries, minimizing in-template logic, fixing bugs, and implementing smart caching with proper invalidation to enhance both performance and accuracy.
- Developed broad domain expertise to proactively identify areas for improvement and provide support—helping senior engineers troubleshoot complex bugs and mentoring junior engineers when they needed guidance.
- Designed and built an onboarding form that enables admin users to integrate hardware data from both physical and cloud-based sources. This streamlined the onboarding process, allowing our internal tools to process and display critical data more effectively.

**Clubspeed**

**Aug. 2021 - Sep. 2023**

*IT Support Engineer → Jr. Software Engineer*

*Irvine, CA*

- Developed PowerShell and batch scripts that saved up to 40 man hours per year for SSL cert updates.
- Continuous development of an internal tool in the form of a Chrome extension that utilizes internal APIs to efficiently display useful customer information.
- Created complex T-SQL queries to speed up and automate manual tasks for customers pertaining to racing data for tens of thousands of guests and generating pre-made bookings by customer request.
- Worked on the calendar component of an upcoming Next.js 12 customer booking product, ensuring the component was dynamic for all screen sizes and localizations.

## SKILLS, & INTERESTS

**Languages:** C++, SQL, Python, JavaScript, TypeScript, HTML, CSS, Rust, Go, ARM Assembly

**Technologies:** React, Next.js, SvelteKit, Qt, git, nginx, Redis, TailwindCSS, Bootstrap, jQuery, Django, JIRA, Docker, PostgreSQL

**Interests:** Human-Computer Interaction, Brain-Computer Interfaces, Embedded System, Modifying Cars

## EDUCATION

**California State University, Fullerton**

**December, 2023**

*Bachelor in Science, Computer Science*

*Fullerton, CA*

## PROJECT(S)

[carcult](#) (SvelteKit, TailwindCSS, Auth.js, Supabase)

- A full-stack web app built in an effort to expose the car enthusiast to the meet without having to jump through the current hoops of finding local meet accounts via social media in some form.
- Fully-featured with a user-oriented ‘garage’ profile, calendar component showing localized meets, offerup-style marketplace with a real-time chat system, and user forum, but currently trimmed to just the meets and garage features to get a feel for user likes and dislikes on “critical” features first.
- Expected to roll this out to local (to SoCal) car clubs in order to receive feedback and improve iteratively.