PAUL BARRON

Technical Program Manager / Software Engineer

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TECHNICAL SKILLS

Languages: JavaScript (Async/Await, Promises), TypeScript, GraphQL, HTML, CSS/SASS, SQL, PHP

Frameworks/Libraries: Next.js, React, Gatsby, React Query, Apollo, Express, jQuery, TailwindCSS, Bootstrap

Infrastructure & Tools: AWS (EC2, S3), Vercel, Netlify, GitHub, GitLab, Bash, Playwright

Other Tools: Figma, Zapier, Notion API, Typeform, FreshDesk, Slack, JIRA, Asana

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PROFESSIONAL EXPERIENCE

8+ years experience across software engineering, systems automation, frontend development, and technical program management.

Technical Program Manager / Software Engineer
Zócalo Health – Seattle, WA | May 2023 – Present

- Led the architecture and implementation of Zócalo's core data ingestion and automation platform, consolidating multi-plan healthcare files into a single, reliable ETL pipeline.
- Established a configuration-driven processing framework that supports new plans without rewriting code, accelerating onboarding of new health-plan partners.
- Introduced structured release processes, DRY_RUN validation, Slack-based approvals, and automated audit logging, creating a blameless culture around system reliability.
- Partnered directly with Ops and Product leadership to define workflows, remove ambiguity, and align technical systems with operational realities.
- Delivered frontend and internal tools using Next.js, TypeScript, Tailwind, and HeadlessUI, with a focus on bilingual accessibility and usability.
- Oversaw infrastructure readiness (EC2, IP whitelisting, SFTP integrations), security-minded environment setups, and vendor coordination (Fold, CareFirst).
- Created internal documentation, onboarding guides, and technical frameworks that raised the organization's operational maturity.

Software Engineer / Tech Success Lead
ORDRS – Houston, TX | Oct 2021 – May 2023

- Built authentication systems, billing logic, and automation tools for the ORDRS platform.
- Wrote API documentation using ReadMe; collaborated with product and backend teams.
- Integrated third-party APIs; solved compatibility issues.
- Built website + internal tools using modern JavaScript; wrote Playwright tests.

- Designed testing plans that reduced production issues.

Owner – Web Design & Development

132 DESIGN – Houston, TX | May 2012 – Oct 2021

- Built custom WordPress sites, brands, funnels; managed hosting; created recurring revenue.

Educator

Alvin ISD – Alvin, TX | Feb 2012 – Oct 2020

- Designed grading protocols; ran coding camp; supported STAAR growth.

PROJECTS

Zócalo Health – app.zocalo.health

- Next.js + TypeScript + Tailwind + HeadlessUI; WPGraphQL integration; bilingual UX.

Words I Don't Know (Open Source)

- Dictionary API integration; GitHub collaboration; CSS animations.

Spots

- Firebase realtime; React Router; SCSS modules + Styled Components.

EDUCATION

University of Houston – B.A. Broadcast Journalism, 2011