JOSEPH ANTHONY WARREN VALDEZ

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

SUMMARY

Software Engineer Technical Lead specializing in cross-platform browser extensions across Chrome, Desktop Safari, and iOS Safari. Trusted to design and stabilize complex, compliance-sensitive systems, balancing partner constraints, accessibility requirements, and long-term maintainability. Uses AI tools to support planning, design exploration, and refactoring while adhering to established design principles and maintaining strong human judgment.

SKILLS

Languages & Frameworks: TypeScript, JavaScript (ES6), React, React Hooks, Next.js, HTML/CSS
Platforms: Chrome Extensions, Desktop Safari Extensions, iOS Safari Extensions, Swift *(contributor-level)*
Tooling: Git, PNPM, GitHub Actions (CI/CD), Monorepos, Build Pipelines, Release Workflows
AI-Assisted Development: Claude, Cursor, Copilot *(architecture reasoning, refactors, test scaffolds)*
Accessibility: WCAG 2.1 AA, Screen Reader Patterns, aria-live, Keyboard Navigation, Semantic Structure
Integration: Safari Web Extension Host App Communication, Native–Extension Auth Flows

EXPERIENCE

Wildfire Systems, *Series B fintech startup, white-label loyalty platform*

Software Engineer Technical Lead   *Jan 2025 – Present | Remote*
- Defined and enforced frontend standards across Chrome, Desktop Safari, and iOS Safari extensions, ensuring **predictable behavior** and **stable releases** by balancing partner requirements with long-term maintainability.
- Collaborated with backend, QA, design, and PM teams to define specifications and plan releases, offering critical feedback to balance feasibility and regression risk, and shaping a more structured release process.
- Led development of the **AI Conversation Page (AICP) Injection** system, enabling product detection and cashback activation on multiple AI platforms and unifying integration into shared templates for consistency.
- Rebuilt cross-platform extensions from the ground up, **overcoming multi-year drift** and ensuring robust, consistent performance across Chrome, Safari, and iOS platforms.
- Architected a **data-driven deployment system**, leading complex architectural decisions and strategic coordination across teams and with executive leadership to enable rapid, remote, and personalized updates.
- Provided **architectural guidance**, mentorship, and code review support for multiple teams, establishing best practices that improved code clarity and **ensured reliable behavior across differing runtime environments**.
- **Integrated AI tools (Claude, Cursor) responsibly** to evaluate design approaches and explore implementation options, **accelerating iteration and improving overall code quality** while maintaining technical rigor.

Software Engineer   *Nov 2023 – Jan 2025 | Remote*
- Delivered reliable features and improvements across **20+ browser extensions** with a total of **over 2m+ installs**, ensuring consistent behavior and overcoming cross-platform challenges across Chrome, Safari, and iOS Safari.
- Executed **ADA remediation** for **Citi Bank**'s extension with **TPGI auditors**, resolving WCAG 2.1 AA violations in semantics, screen reader flows, and keyboard navigation, improving accessibility for all users.
- Implemented Swift-based updates to enable secure automated authentication between **Citi Bank**'s iOS host app and the Safari Web Extension Handler, **ensuring seamless and secure user logins**.
- Maintained and enhanced GitHub Actions workflows, release automation, and monorepo tooling to ensure reliable, repeatable builds and consistent deployments across partner extensions.
- Led collaborative discussions with PMs to ensure aligned timelines and technical feasibility, driving efficient feature planning and successful project execution.

EDUCATION

Accelerated Web Development Program, LearningFuze, Irvine, CA   *Mar 2023*
- Learned modern and efficient coding methodologies and syntactic practices for modular and scalable development from an instructor with over 27 years of experience as a director of software engineering at Google.

Bachelor of Science in Biochemistry, University of California, Riverside, CA   *Jun 2013*