

Antonio Aguilar Gomez

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UX Engineer / Frontend Engineer

Versatile UX Engineer with 7 years of experience blending technical expertise with user-centered design to deliver scalable enterprise solutions. Proven track record of optimizing operational efficiency and driving engagement through intuitive UI/UX enhancements and design system architecture. Expert at translating complex business needs into high-performing, accessible digital experiences within high-stakes enterprise environments

CORE COMPETENCIES

UI/UX Design • Interactive Prototyping • Cross-Functional Collaboration • Frontend Development • Generative AI Integration
Go-To-Market Workflow Optimization • CI/CD Pipelines • Workflow Automation • Testing Automation • Scalable Systems
Process Optimization • Product Development • Quality Assurance • Mentorship • Product Thinking • Communication Skills

EXPERIENCE

SYNDIO | Remote

02/2024–Present

Software Developer 3

- Built and prototyped user experiences by leveraging my wealth of technical knowledge. Developed & shipped production UI code. Technical leader in best practices to leverage AI for UI/UX processes.
- Collaborated with design, customers, and engineering teams to develop personalized user experiences based on user roles, behaviors, and business needs.
- Met with customers to conduct user research learn about their pain points. Translated business requirements into intuitive user flows, wireframes, and design solutions.
- Expert in utilizing AI tools across the design and code mediums to rapidly deploy pixel perfect production ready code.

Select Achievements

- Executed and delivered UI/UX strategy for Syndio's EU Pay Transparency Directive and Global Pay Reporting. These newest products that are now 2nd and 3rd in revenue generation for the company.
- Spearheaded the development and implementation of a comprehensive WCAG compliance framework to meet EU accessibility standards, directly unblocking multi-million-dollar contract defaults with international vendors.
- Reduced accessibility bugs by 30% by leveraging jest, playwright, and axe. Achieving an end-to-end regression testing system. Added this as a CI quality gate to mitigate regressions moving forward.
- Decreased feature delivery time 25% by championing adoption of generative AI frameworks, establishing workflows that set the standard for the organization.

TREASUREDAO | Remote

10/2023–02/2024

Frontend Consultant

- Bridged the gap between design and production by translating complex Figma mockups into reusable React components.
- Designed and implemented a pixel-perfect mobile-responsive website using CSS, flexbox, and Tailwind.
- Proved accessibility 3× and improved SEO with ARIA labels, alt text, and keyboard navigation.

MICROSOFT | Redmond, WA

08/2019–07/2023

Software Engineer

- Developed, maintained, and optimized frontend applications and reusable components across multiple platforms (web, app, mobile), ensuring high performance, accessibility, and scalability.
- Collaborated with cross-functional teams to troubleshoot issues, resolve on-call tickets, and implement CI/CD workflows to streamline development and release processes.

Select Achievements

- Designed and implemented accessible and WCAG compliant UI components that surfaced to 100k+ users.
- Partnered with user researchers to learn about user pain points. Translated these to JIRA tickets.
- Increased operational efficiency 66% by consolidating three disparate frontend codebases (web, app, mobile) into unified cross-surface codebase.

DESIGN + TECHNICAL SKILLS

- **Design & Prototyping:** Figma, Storybook, Claude Design, OpenAI Codex, LLM UI experiences
- **Programming:** JavaScript, TypeScript, HTML5, CSS, Claude Code, React.js, Next.js,
- **Misc:** LaunchDarkly, WCAG, ARIA Standards, WCAG Compliance, Axe DevTools

EDUCATION

CALIFORNIA POLYTECHNIC STATE UNIVERSITY | San Luis Obispo, CA

Bachelor of Science in Computer Science