CÉSAR EDUARDO BENAVIDES

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SUMMARY

A full-stack engineer with 8 years of experience architecting solutions for e-commerce, SaaS, and content platforms. Proficient in React/Next.js frontends, Python/Node backends, and platforms including Sanity, Supabase, and Stripe, he delivers robust features from schema design to deployment.

WORK EXPERIENCE

AGENT.AI   **Remote**
Full Stack Engineer   **May 2025 - Present**

- Built the Team Pages system end-to-end — homepage grid, waitlist flow with admin management, and dedicated team routes with member profiles and marketing CTAs.
- Refactored critical software components, including AgentsTable, AgentBuilder, and BlockResponse, to create a cleaner codebase and facilitate easier scalability for upcoming features.
- Shipped the marketing pricing page with a JSON-driven block architecture, integrated Stripe checkout across three user flows (anonymous, new, and existing subscribers), and resolved search indexing for logged-out users.
- Rebuilt the agent profile experience with a redesigned hero, media carousel, workflow visualization, structured data for SEO, and a related agents resolver with fallback for private listings.
- Architected and rebuilt the agent builder from the ground up on App Router — slot-based layout system, Zustand state management, query-string routing via nuqs, and a composable action step editor with variable injection, supporting both workflow and expert (conversational) agent types.

ADA DIAMONDS   **Austin Texas**
Full Stack Engineer   **Jan 2023 - Present**

- Leading the migration from WooCommerce/Squarespace to a modern headless stack — Next.js 16 (App Router), Sanity v4 CMS, Supabase, Stripe, Algolia search, and Cloudinary for images.
- Built a dynamic SKU system supporting product permutations across diamond shapes, metals, and settings, with multiple payment flows including financing, crypto, and a 20% deposit hold system.
- Integrated Salesforce via custom Apex REST webhooks — orders flow from NextJS → Supabase → Salesforce Opportunities, with automatic Lead-to-Account conversion and eCommerce product creation.
- Developed 40+ configurable marketing blocks in Sanity with visual editing, centralized GROQ fragments, and a standardized 8-step component workflow used across the team.

SDQ CREATIVE   **Austin Texas**
Founder/CEO   **Mar 2020 - Present**

- Architected the user interface infrastructure for a web-based application, leveraging Gatsby, Hasura, GraphQL, and robust multi-factor authentication protocols.
- Built tailored solutions as a contract developer for Hallmark and T3, producing an interactive location finder, secure authentication pathways, and reusable frontend elements within Storybook JS harmonized with the Contentful CMS.
- Guided Ada Diamonds in their transition from Squarespace to a modern headless Next.js architecture, driving a sales increase surpassing 100%.
- Developed eight specialized product landing pages for San Antonio Shoemakers, utilizing a tech stack of HTML, CSS, and JavaScript to craft compelling user experiences.

NOISY TRUMPET COMMUNICATIONS   **San Antonio Texas**
Senior Full-Stack Software Engineer   **Mar 2018 - Jan 2023**

- Leading team of 3 developers and managing work capacity for team using Kanban boards and agile methodologies.
- Architected 7 experimental headless wordpress websites using statically generated HTML built with javascript.

PROJECTS

HOMEBRIDGE FLIPPER ZERO | Python, Typescript, Open Source Development   **Dec 2024 - Present**

- This plugin integrates Flipper Zero with Homebridge, exposing it as a HomeKit accessory. Use it to control Sub-GHz and IR signals from Flipper Zero via Apple Home.
- GitHub Repo: https://github.com/cesarBenavides777/homebridge-flipperzero/
- Blog Post: https://www.cesarbenavides.com/blog/how-to-control-ir-subghz-devices-with-homebridge-flipper-zero

SKILLS

Skills : Typescript, React, Next JS, Tailwind, WordPress, Open Source, Storybook, UI/UX