

Jacob Sides

Senior Web Engineer with 8+ years across agency, startup, and enterprise teams. Frontend-first with AWS depth.

Core: TypeScript, React, HTML5/CSS3, Figma, Next.js, Node.js, AWS (Lambda, DynamoDB, S3, SQS, Bedrock AI, Cognito)

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EXPERIENCE

MergerAI, Remote - *Founding Developer*

Oct 2023 - Present

- **Led product architecture and delivery** of the core product using Next.js, TypeScript, and AWS (SST/CDK).
- **Own the majority of UX decisions** on a team with no designer, working through interaction, layout, and flow tradeoffs directly with the CEO.
- Sit in on **customer calls** and study **product heatmaps** to find where users stall, then rework the interfaces causing the friction.
- Implemented **agentic AI workflows** with Bedrock Agents + action groups to power RAG-based recommendations.
- Collaborated with and **mentored 3 junior engineers** through implementation reviews, debugging support, and delivery planning.

Stack: Next.js, TypeScript, AWS (SST/CDK, Lambda, DynamoDB, S3, SQS, CloudWatch), Sentry, TailwindCSS, Figma

Migrations: LangChain → Bedrock Agents; Material UI → ShadCN

SidesSite, Remote - *Freelance Web Designer & Engineer*

Nov 2021 - Present

- **Designed and built** marketing sites for two clients end to end, running discovery conversations to understand each client's business and audience, then owning design through deployment.
- Built a **reusable design library** across those projects so type, layout, and component decisions carried forward instead of restarting each build.
- Launched a **CMS-driven marketing site** for Hagler Process using SvelteKit + Sanity with a content workflow their team maintains.
- Delivered a **reservation + payments platform** for ReserveNow, enabling online booking and meal prepayment with Stripe integration; production-ready in **under two weeks**.

Stack: SvelteKit, Sanity.io, Stripe, Vercel, Netlify, Figma

Data Recognition Corp, Remote - *Web Engineer*

Jun 2022 - Oct 2023

- Built and **maintained** TypeScript/Angular services with unit tests across **multiple production applications**.
- Implemented async stateful features and serverless AWS workflows (Lambda, SQS, DynamoDB, EventBridge).
- Supported **platform reliability** through pipeline debugging (Jenkins), auth updates (Okta), and Elasticsearch/user-mapping improvements.

Stack: AWS, TypeScript, Node.js, Angular, RxJS, Serverless, Okta, Jest, Jenkins, Figma

Pyxl, Remote - *Web Developer*

May 2020 - Jun 2022 · Promoted from Junior in March 2021

- Delivered full-stack solutions across **dozens of client engagements** in a fast-paced agency environment.
- Led Pyxl's **first headless ecommerce implementation** using Next.js + WordPress API, expanding agency capability for modern commerce builds.
- Partnered closely with the **design team** through comp review and build, resolving responsive behavior, states, and interaction details the comps didn't specify.
- Refactored legacy PHP core architecture from a functional plugin model to a class-based theme structure.
- **Mentored junior developers** on responsive implementation standards and frontend quality practices.

Stack: JavaScript, WordPress, Node.js, TailwindCSS, PostCSS, Vue & React, Vuex & Zustand, Next.js, GraphQL, Figma