

Abhi Velaga

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Design-minded senior frontend engineer specializing in design systems and UI architecture - with experience building team-multiplying foundations at both founding-stage startups and global enterprises.

SKILLS

Frontend React, Next.js, Astro.js, Node.js, Radix UI, WCAG 2.1
Design & Tooling Figma, Design Systems, Storybook, Playwright

Infrastructure AWS, Cloudflare, Vercel, Docker, CI/CD
Languages TypeScript, JavaScript, Python, Java, SQL

EXPERIENCE

Biorce - Series A MedTech AI Startup

Austin, TX

Senior Frontend Engineer

April 2026 - Present

- Founding US frontend engineer; architected the company's design system (Biorce UI) from scratch - tooling stack, CI/CD, linting toolchain, and scoped npm package distribution - establishing the frontend foundation for all new products.
- Established the company's first engineering interview process and lead all engineering hiring strategy - rubrics, assessments, and evaluation frameworks - while personally driving hiring for the founding US frontend team.
- Drove org-wide adoption across all 6 engineering teams through stakeholder presentations, developer onboarding, and recurring office hours, making Biorce UI the default foundation for new product development.
- Shipped 20+ accessible, localized components (Radix UI, TypeScript, CSS Modules, Storybook) on a three-tier design token architecture, with system consistency enforced via custom Stylelint rules and Playwright visual regression testing.
- Designed the system for agent-assisted development - AI-readable documentation (CLAUDE.md, llms.txt) enabling engineers to build with Claude Code against the design system's patterns and conventions.

Visa

Austin, TX

UI/UX Software Engineer -> Senior Software Engineer

June 2021 - April 2026 · Intern, Summer 2020

- Built and maintained Visa's company-wide React component library, shipped to millions of users across Visa's global products.
- Led a white-label UI infrastructure overhaul enabling fully ADA-compliant brand customization, adopted by major U.S. banks including Wells Fargo and Bank of America.
- Owned frontend architecture and cross-functional delivery for merchant-facing payment features serving ~5,000 businesses and processing ~\$83M/month - acting as technical lead across engineering, product, and design.
- Drove full WCAG 2.1 compliance across a high-traffic React application - screen readers, 400% zoom reflow, semantic HTML, keyboard navigation - eliminating legal risk and meeting enterprise accessibility standards.

Schlumberger

Houston, TX

Software Engineer Intern

Summer 2019

- Developed a modular micro-frontend packaging solution in Angular, reducing go-to-market time and engineering overhead while accelerating product delivery for internal tools.

PROJECTS

abhi.work - Personal Portfolio & UX Case Study · github.com/avelaga/portfolio

- Designed and built a responsive Next.js site with SSG, performance optimizations, and CI/CD deployment to AWS S3 + CloudFront.
- Reduced load time by 75% and iterated on UX based on analytics from 47k+ pageviews.

pebble - Minimalist, Open-Source Headless CMS · github.com/avelaga/pebble

- Architected a Cloudflare-native headless CMS (Workers, D1, R2) with versioned REST API and JWT auth.
- Built a dedicated Next.js editor and automated deployment tooling for rapid self-hosted setup.

velagaadvisors.com - Private Wealth Management Firm Site

- Designed and built a mobile-optimized Next.js site with serverless lead capture (with blacklist filtering), and TinaCMS-powered self-editing - plus a self-hosted blog running on pebble, my open-source CMS, with its own editing UI and automatic rebuilds.

EDUCATION

University of Texas at Austin

May 2021

Bachelor's in Computer Science · Minor in Studio Art