

TREVOR BEHNKE

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SUMMARY

Frontend-leaning Full-Stack Engineer with a focus on building production-grade web apps. Strong in React/Next.js, TypeScript, and UI/UX, with solid backend expertise in Node.js, PostgreSQL, and APIs. Experienced delivering SaaS products end-to-end with auth, billing, testing, and monitoring.

CORE SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Python, Tailwind, HTML/CSS
Data/AI Visualization: D3.js, Chart.js, OpenAI API, Anthropic Claude Code
Quality/Tooling: Jest, Postman, Neon, Prisma, Git/GitHub, CI/CD

Backend: Node.js/Express, REST APIs, PostgreSQL, Redis
Auth/Payments: Clerk, Auth0, Stripe
Cloud/DevOps: Vercel, GitHub Actions, Netlify, Heroku, Firebase

PROFESSIONAL EXPERIENCE

Sole Architect & Engineer — BlogSocializer.com (SaaS)

Jan 2023 — Present

- Designed, built, and operated a full-stack AI SaaS for repurposing blog content into custom formats across multiple platforms.
- Implemented AI-powered content generation with streaming (OpenAI), credits, tiered feature limits, and frictionless upgrades.
- Integrated Clerk authentication and Stripe checkout/portal/webhooks for subscription billing.
- Reduced infra/API costs 40–60% with LRU caching, DB indexes, and cursor-based pagination.
- Cut dashboard load times 70–80% and DB queries 60% with analytics caching.
- Developed an admin analytics dashboard (20+ charts) for content, business, security, and performance.
- Hardened security with Redis rate limiting, strict CSP/CORS, input/file quarantine, and audit logs.
- Shipped 150+ automated tests with Jest/RTL/Supertest, CI/CD pipelines, and environment-isolated Neon branches.

Software Engineer — Crow Insight

Dec 2021 — Jan 2023

- Delivered 8 interactive data visualization dashboards using HTML/CSS/JS, D3.js, Python/Django/Flask.
- Built data pipelines for collection, cleaning, and storage; shipped dashboards for public EPA projects.
- Maintained and extended legacy codebases, adapting to multiple development styles and iterations.
- Partnered with stakeholders to translate requirements into accessible, responsive dashboards.
- Contributed to team QA/QC workflows, iterating quickly on visualizations and functionality.
- Deployed projects to government servers with enhanced attention to security and compliance.

API Tester — Usabl.dev

Jul 2021 — Dec 2021

- Evaluated APIs, SDKs, and developer tooling, providing detailed feedback on integrations and documentation.

Web Developer — Contractor

Mar 2019 — Dec 2021

- Built and maintained client websites using a variety of platforms/approaches (WordPress, Wix, Squarespace, and Shopify).

SELECTED PROJECTS

DayChart — Full-Stack SaaS Productivity App

- Built a scheduling visualization tool with auth, CRUD, Stripe billing, and persistent storage.
- Core feature: a 24-hour donut chart mapping events to time slices, plus dashboard metrics.
- Added AI suggestions to help users balance routines (exercise, self-care, socializing).

Image Comparison Bot — Proprietary QA Automation (Crow Insight)

- Designed and engineered a headless browser bot using Puppeteer and Pixelmatch to compare dashboard snapshots pixel-by-pixel.
- Automated testing of tens of thousands of dashboard states; flagged reproducible errors before release & generated custom reporting.
- Deployed on a Google Cloud Platform virtual machine to enable continuous, around-the-clock QA runs.

Portfolio Site — TrevorAB.com

- Designed and built a personal portfolio site to showcase projects and experience.
- Focused on clean, modern UX with approachable copywriting.
- Integrated responsive design, animations, and accessibility best practices using modern design frameworks/libraries.

EDUCATION & CERTIFICATIONS

- **B.S., Business** (Finance), California State University, Sacramento • 2020
- **Google Cloud Platform** — Professional Cloud Architect & Associate Cloud Engineer • Active 2020 to 2022
- **Project Management Institute** — Certified Associate in Project Management (CAPM) • Active 2014 to 2019