

DAKOTAH GODFREY

FRONTEND ENGINEER

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PROFESSIONAL SUMMARY

Frontend engineer with 4+ years building accessible, high-performance web applications with data-dense interfaces in TypeScript, React and Next.js. Sole frontend engineer on a next-generation SaaS platform serving 100,000+ users: shipped the user interface, a customer-facing real-time collaboration SDK and a 40-component design system. Holds every shipped surface to WCAG 2.1 AA accessibility.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES2022), HTML5, CSS3, SASS, SQL

Frameworks & Libraries: React, Next.js (App Router), Node.js, Redux, D3, AG Grid

APIs & Data: REST, GraphQL, WebSocket, iframe postMessage, Supabase (PostgreSQL, row-level security), Stripe, Web Crypto API

Testing & Build: Jest, React Testing Library, Cypress, Playwright, Storybook, Vite, esbuild, Git, GitHub Actions, CI/CD

Accessibility & Design: WCAG 2.1 AA, semantic HTML, ARIA, keyboard navigation, colour-contrast auditing, design systems, design tokens, Figma

Practices: Agile/Scrum, code review, i18n/l10n with four-locale parity testing, GitHub Copilot (certified), AI-assisted test generation and refactoring

PROFESSIONAL EXPERIENCE

Freelance Frontend Developer | Independent | Toronto, ON

Apr 2025 – Present

- Small-business and referral engagements — site builds, accessibility and performance remediation, and ongoing maintenance — alongside independent product development on Humeur (below).

Software Engineer | Agility CMS | Toronto, ON

Sep 2022 – Apr 2025

Sole frontend engineer on the next-generation SaaS content management system (CMS), reporting to the CTO. 200+ customers, 100,000+ users globally.

- Built 65% of the new React and TypeScript user interface to reach feature parity, enabling migration of 95%+ of the customer base.
- Shipped a customer-facing real-time collaboration SDK on iframe postMessage and WebSocket, reliable across all major browsers.
- Cut build times from 6.5 minutes to under 2 by migrating the toolchain to Vite and esbuild — across 10–50 builds per developer per day.
- Refactored a 40-component UI design library from Storybook v3 to v7 in under a month on my own initiative, saving several developer-hours per person per week.
- Introduced and enforced WCAG 2.1 AA accessibility standards across the SDLC, from Figma handoff through automated test coverage.
- Ran user feedback sessions, contributed to roadmap planning, and presented features on customer-facing webinars.

Frontend Developer | Cru (via Reliant Creative) | Contract

Mar 2022 – Jul 2022

- Rewrote a charity CRM from Angular to Next.js on a three-person distributed team: dynamic donor lists, giving-history charts, donation journaling.
- Implemented WCAG 2.1 AA accessibility, responsive layouts, and a unified colour and typography system used across the application.

Frontend Developer | Burke Financial | Contract

Aug 2021 – Sep 2022

- Built 23 custom landing pages for a province-wide marketing campaign; audited and refactored the site for performance and accessibility.
- Proposed and scoped a WordPress to Next.js migration to resolve plugin-bloat performance issues; owned requirements, wireframes and client approvals.

PROJECTS

Humeur — Privacy-First Mood-Tracking Journal | Solo Product

Jul 2026 – Present

humeur.dev · Next.js, TypeScript, Supabase (PostgreSQL), Stripe, Web Crypto API

- Sole designer and engineer of an early-access mood-tracking journal for people managing bipolar spectrum, schizoaffective and depressive disorders — product, design, frontend, backend and billing.
- Implemented client-side encryption with the Web Crypto API: entries, notes and admission markers are encrypted on-device before transmission, and the password-derived key never reaches the server.
- Built four calendar views on a seven-level mood scale verified against protanopia, deuteranopia and tritanopia ($\Delta E_{2000} \geq 10.4$ for every pair), readable without colour vision.
- Shipped provider-ready PDF export with per-note redaction plus full JSON and CSV download, and localized the product into four languages with automated locale-parity testing.

EDUCATION & CERTIFICATIONS

GitHub Copilot Certification — Microsoft, 2026

EpicWeb Dev: Full Stack Foundations — Kent C. Dodds, 2025

Epic React — Kent C. Dodds, 2021

Frontend Engineering Career Path — Codecademy, 2021

New Media Studies — Toronto Metropolitan University (formerly Ryerson), 2015–2016

Prior to 2021: five years in client-facing operations and business development (event management, fleet logistics, office administration).