

Sassi M.

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Senior Frontend Developer | Design Systems | Accessible Product UI

SUMMARY

Senior Frontend Developer with 10+ years shipping production React and TypeScript systems in healthcare, fintech, public sector, and commerce. I build design systems and shared libraries teams actually adopt, ship WCAG AA interfaces, and structure Nx monorepos so product squads move faster with fewer one-offs. Through MSDC LTD. I run contract engagements under my own corporation while also delivering as a senior IC.

SKILLS

Frontend: React, TypeScript, JavaScript, Vue.js, Nuxt, Next.js, Redux Toolkit, React Hook Form, HTML, CSS, responsive UI

Design Systems & UI: Chakra UI, Material UI, Tailwind CSS, CSS Modules, Figma, Storybook, design tokens, i18n, design-to-code

Architecture: Nx monorepos, shared component libraries, pnpm workspaces, Lerna, semantic versioning, GitHub Packages

Quality & A11y: WCAG AA, accessible forms/focus/ARIA, Vitest, Playwright, Biome

Delivery: Vite, GitHub Actions, CI/CD, Docker, AWS, Vercel

EXPERIENCE

LockeBio

Sep 2024 - Jun 2026

Senior Frontend Developer

- Owned frontend architecture across two Nx monorepos that powered five React and TypeScript apps for EMR and Core, giving the team a shared path instead of five separate codebases.
- Built the Core admin app and led the split of a legacy React platform into focused Nx apps and shared libraries so features could ship without stepping on each other.
- Delivered 8 of 13 shared packages, including a 16-component React Hook Form library used in 146 source files, which cut duplicate form work across apps.
- Shipped Chakra UI design tokens and WCAG AA form patterns (labels, errors, focus, ARIA) with Biome checks so accessible UI was the default, not a cleanup pass.
- Published 14 Storybook stories and ran package releases with pnpm, Lerna, semantic versioning, and GitHub Packages so consumers had a stable, documented API.
- Cut frontend CI from 10-15 minutes to about 1 minute through caching, test cleanup, and Vite/Vitest upgrades, collapsing the feedback loop for every PR.

MSDC LTD.

Jun 2020 - Present

Founder / Senior Frontend Consultant

My corporation for senior frontend contract work. Each client below is a separate umbrella engagement. I own delivery, architecture, and the handoff so teams keep the system after the contract ends.

Client: Radical I/O Technology - MyRichmond (City of Richmond Citizen Portal)

- Extended a legacy React and Material UI form system used across municipal services with dynamic fields, conditional logic, validation, and submission flows, so new City forms reused one pattern instead of one-off pages.
- Grew Storybook form components that other services could copy, which kept municipal UI consistent as more flows went online.
- Migrated global CSS to CSS Modules and removed cross-page style collisions that were breaking layouts during releases.

Client: CandidateX - Inclusion-Focused Hiring Platform

- Recovered a stalled project with an incomplete serverless client by rebuilding client and admin frontends in React and TypeScript so hiring workflows could ship again.
- Merged duplicate repositories into an Nx monorepo while preserving Git history and shared packages, which ended copy-paste drift between client and admin.

- Owned the path from Figma through QA: Chakra UI v2 design-system foundations, React Hook Form patterns, and Redux Toolkit state for both apps.
- Shipped WCAG AA components and workflows, plus i18n for UK English, US English, and French, so the product could sell into multiple regions without a rewrite.

Client: Reitium Technologies - Fractional Real Estate Fintech

- Built versioned shared component libraries with semantic versioning and PR review gates so UI changes stopped breaking investor-facing screens without warning.
- Refactored frontend architecture and CI/CD into modular pipelines that made deploys predictable instead of brittle all-at-once releases.
- Stabilized an unreliable Node platform, rebuilt the React frontend, and introduced clear TypeScript contracts across FE and BE so API failures stopped cascading into blank dashboards.
- Delivered investor dashboards for investments, rental income, and account activity that became the day-to-day surface for users.

Client: Tractor at Home - Meal Kit Subscription

- Built shared React and Tailwind storefront components for shopping and onboarding, cutting duplicate UI work across those flows.
- Led frontend for browsing, onboarding, subscription management, and Stripe checkout with Redux Toolkit and React Hook Form so customers could complete purchase without handoffs between mismatched pages.
- Mentored junior developers through PR reviews and day-to-day guidance, raising the quality bar on the storefront team.

Client: Intuit / TurboTax - Consumer Tax Platform

- Delivered React frontend and headless WordPress integration for a major TurboTax redesign under release pressure.
- Launched OptinMonster campaigns and fixed production issues across multiple releases so marketing and product stayed online through the launch window.

St. Michael's Hospital

Jul 2019 - Jul 2020

Senior Web Developer

- Maintained WordPress and Yii2 healthcare sites under PHIPA requirements without exposing patient-facing content to avoidable privacy risk.
- Built responsive internal email templates with React, Fastify, and Nunjucks used by hospital staff communications.

Planted Tree Digital

Mar 2019 - May 2019

Frontend Web Developer

- Shipped client WordPress sites and reusable Gutenberg blocks that sped up later page builds.

VerticalScope Inc.

Oct 2018 - Dec 2018

Frontend Developer

- Delivered frontend across client brands, including WordPress themes and Angular + D3.js data visualizations.

TalentNet Inc.

Oct 2016 - Jun 2018

Frontend Developer

- Stabilized a large Ember.js application and moved it toward React with reusable components, reducing breakage during the migration.

EDUCATION

Software Development | 2016

Advanced Diploma, Architecture Technology - Sheridan College | 2015