

SUMMARY

Senior full-stack engineer with 10+ years shipping production web and product systems from concept to launch across enterprise, civic, nonprofit, ecommerce, and media. Equally comfortable setting technical direction for small-to-mid-sized teams or executing heads-down as a senior IC. Known for high-ownership execution, fast iteration, and measurable outcomes — including a city-backed Restaurant Week platform that drove week-one adoption of **3,557 unique visitors**, **12,217 page views**, **635 new users**, and **399 completed punch cards**, while sustaining **sub-200ms QR validation latency** under **100+ concurrent users** on Supabase-backed real-time workflows.

EXPERIENCE

Digital Marketing Consultant · Lundstrum Performing ArtsJan – May 2026

501(c)(3) nonprofit arts organization, North Minneapolis

- Architected a six-agent autonomous operations system — specialized AI agents for marketing, grant writing, donor communications, event coordination, data analytics, and content management — with shared knowledge base and cross-agent coordination protocols
- Built a production Next.js 15 / React 19 dashboard from scratch (TypeScript strict mode, Tailwind, shadcn/ui, GSAP, Recharts) with 6 data-rich tabs, 12+ interactive chart types, WCAG AA/AAA accessibility, prefers-reduced-motion support, and a dark-first HSL design system
- Delivered a Remotion-based programmatic video pipeline integrated with Higgsfield AI and Luma Labs; engineered 11 standalone HTML experiences across 200+ files and 15 directories
- Designed a complete brand system: JSON design tokens (hex / RGB / CMYK / Pantone), 500-line communication style guide, typography pairing, and a 362-line data-driven social media strategy with 30-day deployment roadmap
- Produced cross-client HTML email campaigns with 7 documented Outlook / Apple Mail rendering fixes and a 33-post social calendar tied to live performances
- Ingested and structured 15+ website pages, 35+ blog posts, and the full annual report into a queryable local corpus enabling AI-assisted grant writing and content strategy

STACK Next.js 15 · React 19 · TypeScript · Tailwind CSS · shadcn/ui · GSAP · Recharts · Remotion · Higgsfield AI · Luma Labs · Mermaid.js

Senior Software Engineer · Experience Maple GroveJun – Aug 2025

- Sole engineer for a city-backed Restaurant Week platform, architecting and shipping a production PWA in 8 weeks
- Built QR check-ins, geofencing validation, real-time leaderboards, raffle mechanics, role-based authentication, and restaurant admin dashboards
- Drove week-one performance of 3,557 unique visitors, 12,217 page views, 635 new users, and 399 completed punch cards
- Maintained sub-200ms QR validation latency under 100+ concurrent users with Supabase-backed real-time workflows
- Implemented analytics instrumentation for product, operations, and growth visibility

STACK Next.js · TypeScript · Supabase · PostgreSQL · Clerk · Vercel · Tailwind CSS · PostHog · Storybook

Senior Software / AI Engineer · FLS USAMay – Jun 2025

- Engineered AI enrichment pipelines processing 6,000+ B2B records for lead generation, validation, and qualification
- Built brand extraction and campaign-generation workflows using Firecrawl, Exa API, OpenAI, Vercel AI SDK, and v0.dev
- Reduced campaign setup time from 3 days to 15 minutes through workflow automation and structured generation
- Delivered marketing sites and outreach systems enabling non-technical operators to launch campaigns without manual research overhead

STACK Python · TypeScript · Next.js · OpenAI SDK · Vercel AI SDK · Firecrawl · Exa API · v0.dev · React Email · Resend

Senior Software / AI Engineer · WinWinX + Agency Underground

Mar – May 2025

- Built AI-assisted brand extraction and context-to-content workflows for marketplace and marketing teams
- Automated campaign-ready asset generation so non-technical operators could move from raw inputs to usable marketing output in under 15 minutes
- Improved lead quality and targeting accuracy ~20% through data cleanup, enrichment, and workflow automation
- Productized AI workflows that translated unstructured business context into repeatable outbound and marketplace operations

STACK Next.js · Python · OpenAI SDK · Vercel AI SDK · v0.dev · React Email · Resend

Senior Software / AI Engineer · Lundstrum Performing Arts

Sep 2024 – Feb 2025

- Implemented an AI-powered AV analysis pipeline using AssemblyAI, OpenAI, and Anthropic APIs to generate structured rehearsal notes, action items, and performance feedback
- Built a centralized AI knowledge base that reduced onboarding time by 3–4 weeks across 30+ staff
- Designed a generative asset pipeline supporting public-facing promotional output that contributed to Star Tribune coverage
- Turned scattered institutional knowledge and media inputs into reusable operational systems

STACK Python · AssemblyAI · OpenAI API · Anthropic API · Notion

Senior Software Engineer · FLYPILOT

Nov 2023 – Aug 2024

- Delivered full-stack consulting work across enterprise and premium retail clients incl. AgileOne, Brookfield Properties, Matsuda Eyewear, and Gentle Monster
- Led teams of 3–6 remote engineers across roadmap execution, architecture decisions, code quality, and client delivery
- Consolidated 11 production sites into a unified Next.js monorepo, cutting delivery time by 50% and reducing costs by 75%
- Improved page performance by 60% for Matsuda Eyewear through frontend rendering and optimization work

STACK React · Next.js · TypeScript · Shopify · Storybook · Figma · Git

Senior Software Engineer · Knock Inc

Aug – Nov 2023

- Architected and delivered a modern headless CMS and showcase platform under a short contract timeline
- Decoupled content management from frontend delivery to improve editorial flexibility, scalability, and long-term maintainability
- Owned implementation and deployment end-to-end as sole engineer on the engagement

STACK Next.js · TypeScript · React · WordPress Headless · WPGraphQL

Senior Full-Stack Engineer / Platform Lead · Freeman

Jan 2019 – Dec 2023

- Led teams of 3–6 engineers across mission-critical internal and external web platforms
- Served as platform lead for component library and design token automation, integrating Figma with internal SDKs and delivery systems
- Owned authentication for internal and external APIs and implemented Okta SSO
- Built and standardized platform infrastructure that improved delivery speed, reliability, and cross-team consistency

STACK TypeScript · Node.js · PostgreSQL · AWS Lambda · CloudWatch · Amazon CDK · GraphQL · REST · Serverless · Okta · React

SKILLS

LANGUAGES & FRAMEWORKS	TypeScript, JavaScript, Python, Go, React, Next.js, Node.js, GraphQL, REST, FastAPI, Flask
FRONTEND & PLATFORM	App Router, RSC, Tailwind, shadcn, Storybook, Turborepo, PWA, streaming UX, WCAG 2.2, Core Web Vitals
BACKEND & DATA	PostgreSQL, Supabase, Redis, pgvector, Neo4j, event-driven and serverless architectures

CLOUD & DEVOPS	AWS (Lambda, CDK, CloudWatch), Vercel, CI/CD, IaC, OpenTelemetry, Sentry, PostHog
AUTH	Clerk, Okta SSO, OAuth / OIDC, RBAC
APPLIED AI & AGENTS	OpenAI, Anthropic, Vercel AI SDK, LangChain / LangGraph, Langfuse / LangSmith, RAG, multi-agent workflows, evals and guardrails
MCP & AGENT TOOLING	Custom MCP servers, plugins, and tools for Claude, Cursor, and other hosts
AGENTIC DEV WORKFLOWS	Claude Code, Codex, Factory AI for spec-driven dev and autonomous refactors

EDUCATION

B.A. ANTHROPOLOGY

University of Minnesota · Minneapolis, MN · 3.8 GPA

RUBY ON RAILS CERTIFICATION

StartUp Institute · New York, NY

FULL-STACK DEVELOPMENT

Epicodus · Portland, OR

FRONTEND DEVELOPMENT

General Assembly · New York, NY

BEYOND

Professional songwriting credits with 30+ MTV and VH1 placements — a long-running ability to translate ambiguous creative direction into shipped, audience-facing work.

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