



CONTACT

Littleton, CO · Remote Friendly
daniel.edward.porter@gmail.com
(720) 205-3020
danielporter.dev
linkedin.com/in/daniel-edward-porter

CAPABILITIES

Applied Skills

AI PRODUCT SYSTEMS

Model integration, structured output, streaming interfaces, and disciplined AI-assisted delivery.

APPLICATION PLATFORMS

From interface and architecture through APIs, data, authentication, and deployment.

CONTAINERS, CLOUD & DELIVERY

Docker-first multi-service delivery; multi-cloud familiarity (AWS, GCP, Oracle); Kubernetes (familiar); CI/CD.

STRENGTHS

Focus Areas

- Application architecture & technical direction
- AI product systems design
- Docker multi-service delivery
- Multi-cloud familiarity (AWS, GCP, Oracle)
- Content platform modernization
- Full-stack product engineering
- Long-term system ownership

LEAD SOFTWARE ENGINEER

Daniel Porter

Lead software engineer and application architect: customer-facing platforms and AI-enabled systems. Hands-on direction and mentorship.

PROFILE

Summary

Lead software engineer and application architect with 20 years designing and delivering customer-facing platforms, AI-enabled features, API integrations, and modern content systems. The last decade: technical direction, mentoring, and long-term ownership across React, Next.js, TypeScript, Node.js, PostgreSQL, Docker multi-service delivery, and working familiarity with AWS, Google Cloud, and Oracle Cloud.

I design and deliver for the long haul: a decade in my current role, four years establishing my first employer's technical foundation, and systems I still maintain years later. Looking for the next team worth that kind of investment.

TECHNICAL PROFILE

Applied Skills

Application Architecture

Design full-stack systems: interfaces, API contracts, data models, auth, and integration boundaries that keep multi-system products maintainable.

- React, Next.js, TypeScript, Node.js, PostgreSQL
- API design, webhooks, third-party integrations
- Auth, permissions, and clear service boundaries

AI Product Systems

Design AI into products with schemas, validation, memory, and cost-aware model choices. Use AI tools in daily engineering work with the same review bar as any other contribution.

- OpenRouter, Vercel AI SDK, Tavily
- Streaming, model routing, structured extraction
- Claude Code, Codex, Copilot, Grok Build, Ollama

Frontend & Product UI

Polished product interfaces with React, Next.js, Tailwind, semantic HTML, and attention to performance, accessibility, and hierarchy.

- SSR, SSG, ISR, app-style workflows
- Design-system thinking without overbuilding
- Forms, dashboards, data-heavy surfaces

Content Platforms & Modernization

Enterprise CMS architecture, headless and hybrid content platforms, large modular publishing systems, and legacy modernization.

- Headless and API-first content systems
- Large modular platforms (60+ modules), migrations
- Commerce integrations and legacy rescue

Performance, SEO & Attribution

Fast sites, clean metadata, structured data, analytics events, server-side tracking, and conversion data paid media teams can trust.

- Core Web Vitals and PageSpeed
- Schema, technical SEO, structured content
- GA4, GTM, Meta CAPI, Enhanced Conversions

Docker, Cloud & Delivery

Docker multi-service delivery by need: major clouds for enterprise compute and networking, Kubernetes familiarity when orchestration is required. Working familiarity with AWS, Google Cloud, and Oracle Cloud.

- Docker fleets, images, service networking, recovery
- AWS, Google Cloud, Oracle Cloud: compute, VPC, IAM, storage
- Kubernetes (familiar); Vercel, Cloudflare Workers, GitHub Actions

AI & Leadership

AI PRACTICE

Engineering in the AI Era

I use AI every day, but I do not outsource judgment to it. Twenty years of shipping software helps me recognize what is sound, what needs work, and what should never leave a draft.

Daily Work

AI-ASSISTED DELIVERY, WITH DISCIPLINE

Claude Code, Codex, GitHub Copilot, Grok Build, and local Ollama models help me plan, prototype, refactor, test, and document work. They save time because I still review the work, test the behavior, and own the result.

- Right tool for the job: agentic refactors, autocomplete, or local models for privacy and cost
- Faster iteration without skipping architecture or review
- AI output reviewed like any contribution, with small diffs and tests

In the Product

AI SYSTEMS DESIGNED INTO PRODUCTS

The useful work sits around the model: prompts, schemas, validation, retries, memory, and cost controls. I have designed and shipped that application layer in production.

- Model routing and streaming with OpenRouter and the Vercel AI SDK
- Structured extraction into schema-validated JSON that drives real workflows
- Grounded context via Tavily search, summarization, and curated memory

Across the Team

HELPING A WHOLE TEAM USE AI WELL

One developer using AI well is useful. A team with shared habits is better. As a lead, I help people choose when to use these tools, review the output, and keep quality high.

- Adoption standards: when to reach for AI, and how to review what comes back
- Review practices that catch weak or unsafe output before it ships
- Mentoring developers to treat AI as a collaborator, not an autopilot

AI supports execution, but direction, judgment, and quality remain driven by experience.

LEADERSHIP

How I Lead

I lead from within the work. I still write production code every day, and that proximity makes architecture and mentorship stronger: scoping complex projects, setting standards, and translating tradeoffs into decisions stakeholders can actually make.

Mentorship

Leveling up the people around me through code review, pairing, and shared context, helping developers build instincts that only come from experience.

Technical Direction

Application architecture and standards that survive contact with reality: clear boundaries, fewer dependencies, best practices earned the hard way, systems built to be inherited.

Scoping & Delivery

Breaking down complex work, setting priorities, and keeping projects moving without losing quality, from fuzzy requirements to shipped and supported.

Stakeholder Clarity

Leading client calls, presenting strategy, and translating complex technical concepts into language stakeholders actually understand.

Cross-Functional

Working naturally with designers, marketers, and leadership. Understanding everyone's priorities means fewer miscommunications and better outcomes.

Design Eye

A BFA in Computer Art and decades of front-end work sharpen layout, typography, hierarchy, and the polish most developers miss.

Work Experience

RECENT LEADERSHIP

Current Role

● JUN 2016 - PRESENT · 10 YEARS

Senior Lead Developer Twelve Three Media

Remote / Colorado

- Own technical direction across the client portfolio: application architecture, scoping complex work, standards, and tradeoffs that stakeholders can act on, from fuzzy requirements to production systems.
- Mentor and grow developers through code review, pairing, and pragmatic standards, including how to use AI tooling effectively without letting quality or architecture slip.
- Design and deliver full-stack platforms across modern frontend, headless and hybrid content architectures, integrations, and performance-focused client work, with AI-assisted workflows under real review discipline.
- Partner with paid media teams on attribution and conversion tracking across GTM, GA4, Meta CAPI, Enhanced Conversions, and server-side event flows.

CAREER TIMELINE

Earlier Roles

● DEC 2013 - JUN 2017

Web Developer Boomerang Marketing

Colorado

- Delivered mission-driven web systems end to end in a small collaborative team serving non-profit organizations and purpose-led clients.
- Balanced limited budgets, storytelling needs, and technical constraints to ship practical, polished experiences teams could maintain.

● APR 2012 - JUL 2015

Owner & Operator Denver Washer Dryer

Denver, CO

- Founded and operated a local appliance business end to end, with live inventory listings, SEO, and a polished digital presence in an underserved market.

● SEP 2013 - MAY 2017

Owner, Web Designer & Developer

Dan Porter Web Development

Denver, CO

- Ran an independent practice from discovery through architecture, design, development, launch, and ongoing support for local businesses and organizations.
- Owned every relationship end to end: client communication, planning, technical choices, delivery, and long-term care.

● JUN 2011 - APR 2012

Web Developer Airiam

Colorado

- Modernized and maintained legacy PHP and ASP applications alongside CMS-driven sites, contributed SEO and Google Ads strategy, and pushed early responsive design practices.

● OCT 2007 - JUN 2011 · 4 YEARS

Lead Web Developer Shero Commerce

New York / Remote

- Founding developer who established the company technical foundation across commerce platforms and CMS-backed e-commerce systems, growing architecture and practices as the business scaled.

Projects & Applied Skills

INDEPENDENT BUILDS

Selected Projects

ContainerQuest.dev

WIP

containerquest.dev

Docker-first multi-service learning product: a real containerized fleet on your machine so you can operate, break, and recover a production-style system. Core craft is Docker services, networking, and recovery; Kubernetes when orchestration is the need (familiar).

- Docker
- TypeScript
- Next.js
- Postgres
- Redis
- Kubernetes (familiar)

SignupBubble.com

LIVE

signupbubble.com

Account-free event signup platform with slots, RSVPs, reminders, attendee tracking, templates, approval flows, and AI-assisted event generation from structured product design.

- Next.js 16
- Supabase
- OpenRouter
- React 19
- Tailwind CSS

CoThinkAI.app

LIVE

cothinkai.app

Collaborative AI product with shared rooms, model routing, streaming interfaces, grounded search, pinned memory, and usage analytics. Designed the application architecture around the model, not only the chat UI.

- Next.js 16
- Supabase Realtime
- OpenRouter
- Vercel AI SDK
- TypeScript

HayShare.app

LIVE

hayshare.app

Agricultural marketplace for local producers with location search, verified profiles, secure messaging, and domain-specific categories on a full-stack application architecture.

- Next.js
- Supabase
- PostGIS
- Stripe
- Vercel

EDUCATION

Creative Technical Foundation

DEC 1998 - DEC 2002

BFA, Computer Art

Savannah College of Art and Design

Focused on 3D computer graphics, modeling, animation, visual storytelling, RenderMan shading, MEL scripting, and procedural modeling.

WORKING STYLE

Calm under ambiguity, practical about tradeoffs, attentive to UX details, and comfortable moving between architecture decisions, hands-on code, mentorship, and using AI where it helps without giving up judgment.

CAPABILITIES

Applied Skills

AI PRODUCT SYSTEMS

Model integration, structured output, streaming interfaces, and disciplined AI-assisted delivery.

OpenRouter · Vercel AI SDK · Tavily · Claude Code · Codex · Copilot

APPLICATION PLATFORMS

From interface and architecture through APIs, data, authentication, and deployment.

TypeScript · React · Next.js · Node.js · PostgreSQL · Supabase · Headless CMS

CONTAINERS, CLOUD & DELIVERY

Docker-first multi-service delivery; multi-cloud familiarity (AWS, GCP, Oracle); Kubernetes (familiar); CI/CD.

Docker · AWS · Google Cloud · Oracle Cloud · Kubernetes (familiar) · Vercel · GitHub Actions