

Sean Richard

AI Product Engineer · Full-Stack Builder · 0→1 Founder

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SUMMARY

Full-stack product engineer who ships user-facing AI products end-to-end. Two-time founder (Autom8ion Lab, BuilderLync) with strong 0→1 instincts: identify the workflow problem, scope the product, build frontend, backend, and integrations, deploy, and iterate fast on real users. Built and shipped multiple Next.js / React / TypeScript applications backed by Supabase, with LLM-powered workflows and AI agents in production. Comfortable owning UX decisions, prompt design, evals, and CI/CD for AI products. Operates fastest in small focused teams with direct customer collaboration.

TECHNICAL STACK

Frontend	Next.js 14, React 18, TypeScript, Vite, Tailwind, Redux Toolkit, Zustand, responsive UI, component architecture
Backend / Data	Node.js, Supabase (Postgres, auth, RLS), REST APIs, server-side scripts, env & secrets management
AI / LLM	User-facing LLM features, AI agent design, prompt engineering, eval-driven iteration, voice agents, LLM-powered customer & CRM communication
Integrations	Twilio, Stripe, Mapbox, email infrastructure, document & PDF pipelines, third-party CRMs
Practices	GitHub workflows, Netlify CI/CD, type-checking, linting, production debugging, basic security hygiene

SELECTED PRODUCTS · 0→1, BUILT & SHIPPED

LyncBot v3

Next.js 14 · React 18 · TypeScript · Node.js · Supabase · Netlify

- Designed and shipped an AI workflow application for business communication and automation, owning the full stack from UI to data layer to deployment.
- Built user-facing LLM features with eval-driven iteration: prompt versioning, output validation, and CI checks before deploy to catch regressions.
- Hardened reliability with strict TypeScript, linting, and pre-deploy verification; production deployments via Netlify.

BuilderLync

React · TypeScript · Vite · Supabase · Redux Toolkit · Zustand · Twilio · Stripe · Mapbox · Recharts

- Founded and built a contractor-focused SaaS unifying CRM, estimates, scheduling, marketing automations, document handling, dashboards, and AI assistants in a single product.
- Implemented complex UI surface area: drag-and-drop workflow builders, dynamic forms, charts, PDF export, mapping, and rich state management across modules.
- Owned product architecture, technical direction, and iteration cycles informed directly by contractor user feedback.

Autom8ion Lab OS (A8L OS)

React · TypeScript · Vite · Supabase · document parsing · rich text · flow diagrams · analytics

- Built an internal-tools-as-product platform that converts manual operational processes into structured workflows and AI-assisted automations.
- Shipped document and PDF parsing pipelines, rich-text editing, visual flow builders, and analytics surfaces backed by Supabase.

Client Web Apps & Automation Systems

React · TypeScript · Next.js · Tailwind · CRM/API integrations

- Translated client operational pain into shipped production tooling: web apps, lead-capture systems, dashboards, and custom CRM integrations.
- Reduced manual work across sales, marketing, and customer follow-up for service-based businesses.

EXPERIENCE

Founder & Product Architect · BuilderLync Inc.

Mar 2025 – Present · Delaware, US

- Lead product, engineering, and GTM for a contractor-focused SaaS platform modernizing trades operations with AI assistants and workflow automation.
- Architect platform modules across CRM, estimates, scheduling, marketing automation, and dashboards — making the product and engineering tradeoffs end-to-end.
- Drive investor relations, partnerships, and positioning while remaining hands-on in product specs and implementation.

Founder & AI Systems Architect · Autom8ion Lab

Nov 2017 – Present · Florida, US

Marketing-automation consultancy that evolved into an AI systems shop building agent-driven workflows and LLM-powered tooling for service businesses.

- Build and ship AI-powered automation systems across content workflows, ad and CRM operations, lead handling, reporting, and customer communication — with prompt iteration and eval checks before deploy.
- Map manual processes, design automation architecture, integrate CRMs and external services, and deploy tailored systems into live production environments.
- Own discovery, scoping, technical execution, QA, and handoff for each engagement.

Earlier Experience

2007 – 2023

- **Techy** — Franchise Owner / Technical Operations Lead, Clermont & Leesburg FL (2020–2023): operated multi-location electronics retail/repair franchises with B2B/B2C sales, custom builds, and onsite technical services.
- **XDA Developers** — Senior Member / Technical Contributor (2014–Present): long-running technical contributor in the Android and mobile development community — debugging, recovery workflows, and device-level systems.
- **Jandar Travel · SupportKing.com / OneClickRoot · U.S. Army** (2007–2020): cross-functional leadership across operations, sales/marketing systems, B2B reporting, technical support, and mission-critical execution.

EDUCATION

B.S., Cyber/Computer Forensics & Counterterrorism · Full Sail University

Aug 2023 – Aug 2026 (nearly complete)

A.S., Information Technology · Full Sail University

Completed

A.S., Digital Marketing · Southern New Hampshire University

Aug 2021 – Aug 2023

CERTIFICATIONS

Networking Foundations (LinkedIn Learning) · Linux Command Line · OSHA 10HR · Marketing on Twitter · Phonlab Smartphone Technician