

ROBERT SCHUELKE

Founding Full-Stack Engineer | AI SaaS Ecosystem Builder | Product-Minded Platform Architect

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PROFILE

Self-taught founder-engineer building a connected AI SaaS ecosystem across control-plane operations, centralized auth, billing/entitlements, audit readiness, trust/compliance workflows, AI writing, media generation, and business automation. Built the portfolio while working full-time in high-volume hospitality, proving hands-on execution across React/Next.js, TypeScript/Node APIs, PostgreSQL/Supabase/Drizzle schemas, Stripe billing, usage metering, Redis patterns, RBAC, multi-tenant workspaces, CI/proof scripts, observability, and production deployment workflows.

TECHNICAL PROOF LINKS

Reviewer packet	xflowx.com/for-reviewers - architecture, proof matrix, authority boundaries, validation caveats
Ecosystem overview	xflowx.com/ecosystem - six-app product map and public app links
GitHub	github.com/craftyguru - source walkthroughs and sanitized samples available on request

CORE STACK

Frontend	TypeScript, JavaScript, React, Next.js, Vite, Tailwind CSS, shadcn/ui, responsive dashboards, design systems
Backend / APIs	Node.js, Express, REST APIs, GraphQL, webhooks, service-token auth, API contracts, background workers
Data / Infra	PostgreSQL, Supabase, Drizzle ORM, Redis patterns, migrations, multi-tenant workspaces, RBAC, audit logs
SaaS / Billing	Stripe flows, billing authority, entitlement checks, feature gates, usage metering, plan catalogs, admin surfaces
AI / Product Ops	OpenAI/LLM workflows, copilots, structured outputs, source-aware writing, media generation, QA/proof automation
Python / Data	Python, FastAPI, DuckDB, Pandas, Pydantic, Typer, scikit-learn, XGBoost, LightGBM-style workflows

AI SAAS ECOSYSTEM PORTFOLIO

Independent Founder / Full-Stack Engineer

2023 -

Present

Active commercial products in late pre-launch / launch-hardening stages; private repositories with architecture walkthroughs, screenshots, live flows, and safe code samples available on request.

- Designed the ecosystem as connected products rather than isolated demos: XFlow as control plane, Verixet as billing/entitlement authority, and satellites consuming shared auth, workspace, plan, and operational boundaries.
- Built production-style SaaS patterns including authenticated routing, service-token APIs, webhook validation, usage ledgers, feature flags, audit trails, health/readiness endpoints, deployment diagnostics, and admin review surfaces.
- Implemented user/admin experiences for signup, billing, onboarding, integration setup, dashboards, status cards, messaging/help flows, proof pages, and reviewer-facing architecture explanations.
- Created validation discipline around typecheck/lint/build, static ecosystem proof, route/public QA checks, browser smoke validation, brand casing audit, billing regressions, shared Supabase checks, and deployment readiness scripts.
- Uses AI-native development workflows with Codex/Cursor while owning architecture review, contract hardening, debugging, test validation, and production safety decisions rather than treating generated code as final.

SELECTED PRODUCTS

XFlowX - xflowx.com: Control plane for ecosystem operations, app health, integrations, deployment readiness, cross-app visibility, and operator workflows.

Verixet - verixet.com: Billing/governance authority for workspace entitlements, usage admission, checkout lifecycle, API enforcement, and trust-layer coordination.

AudAiX - audaix.com: Audit and operational intelligence platform for diagnostics, readiness signals, monitoring-style insights, and improvement workflows.

Rataify - rataify.com: Trust/compliance/accessibility platform with scanning, reporting, WCAG-style checks, billing gates, and remediation dashboards.

WordGeni - wordgeni.com: AI writing and knowledge workflow platform with document assistance, copilot flows, content generation, and source-aware productivity tooling.

Crevux - crevux.com: AI media studio for image/video generation, enhancement, creative workflows, credit-based usage, galleries, and admin controls.

ADDITIONAL PRODUCTS

PitStrike - pitstrike.com: Trading intelligence and journaling concepts with dashboards, market insight workflows, analytics, and execution-oriented UX.

UrSite - ursite.ai: AI website/product builder with visual editing, generation flows, SaaS workflows, and multi-tenant product architecture.

JournOwl - journowl.app: AI journaling and insights app with mood tracking, analytics, prompts, summaries, dashboards, and trader-friendly expansion paths.

1ofAKindPiece - 1ofakindpiece.com: Custom embroidery, laser engraving, digital-file, and commerce platform connecting real creative production to ecommerce workflows.

PYTHON / DATA ANALYTICS PROJECT

GittyUp - Python Horse Racing Intelligence Prototype

Local-first analytics workstation for importing, normalizing, scoring, and reviewing race data.

- Built a Python-first backend using FastAPI, DuckDB, Pandas, Pydantic, Typer, scikit-learn, XGBoost, and LightGBM-style modeling workflows.
- Created CLI-driven ETL/import jobs, canonical DuckDB schema, feature-building flows, and FastAPI endpoints for race cards, entries, recommendations, exotics, overrides, exports, and dashboard review.
- Implemented recommendation scaffolding for fair odds, expected value, confidence scoring, Kelly-style stake guidance, and local dashboard consumption through a static HTML/JS frontend.
- Positioned honestly as a serious prototype/analytics engine, not production wagering software without further model validation, reproducible environment cleanup, migrations, and governance.

PROFESSIONAL BACKGROUND

Bartender / Hospitality Professional - Hotel Bar, Chicago

2014 -

Present

- Built 10+ years in a high-volume, customer-facing environment requiring communication, composure, speed, accountability, and problem-solving under pressure.
- Balanced full-time hospitality work while independently learning software engineering and building a multi-app AI SaaS ecosystem during nights, weekends, and off-hours.
- Developed operator empathy from direct exposure to service workflows, customer expectations, payments, inventory pressure, staffing realities, and non-technical business friction.

EDUCATION

High School Diploma - Sullivan High School, Chicago, IL

Self-directed engineering education through hands-on SaaS architecture, AI product development, production debugging, and end-to-end product delivery.