

KOMLAN KOUHIKO

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crecystudio.com | proveohq.com | korent.app | fleiko.com | kocreit.com | github.com/kkoly10

Full-Stack Developer | AI/LLM-Integrated SaaS | Next.js | React | TypeScript | Supabase

SUMMARY

Full-stack developer who shipped multiple production SaaS applications end-to-end with Next.js, Supabase, Stripe, and AI/LLM-assisted workflows. Live products include Proveo (14 active trial users), Korent, Fleiko, Kocre IT, and CrecyStudio - spanning CRM/proof workflows, rental booking, fleet operations, remote IT support, and client project systems. Regulated medical-device R&D background adds QA, documentation, and data-integrity discipline.

ENGINEERING PRACTICES

Multi-tenant data modeling with Supabase RLS | Stripe subscriptions, deposits, and webhook reconciliation | Zod validation and rate limiting across key API routes | Playwright smoke/E2E tests | Sentry production monitoring | Vercel CI/CD | LLM integrations using OpenAI and Anthropic Claude APIs with prompt guardrails, human review, and user-input-as-data controls

CORE SKILLS

Frontend: Next.js, React, TypeScript, JavaScript, Tailwind CSS, responsive UI, component architecture

Backend/Data: Supabase, PostgreSQL data modeling, Row-Level Security, auth flows, API routes, server actions

SaaS/AI/Tools: Stripe, Resend, Cloudinary, Mapbox, Leaflet, Twilio, Upstash, Capacitor, OpenAI API, Anthropic Claude API, LLM integrations, AI assistants, prompt guardrails, semantic search concepts, GitHub, Vercel, VS Code

SELECTED SOFTWARE PROJECTS

Proveo - AI-Integrated SaaS for Service Businesses | proveohq.com | github.com/kkoly10/proveo

Next.js | *React* | *TypeScript* | *Supabase* | *Stripe* | *Anthropic/OpenAI* | *Resend* | *Cloudinary* | *Sentry* | *Playwright*

- Built SaaS converting before/after job photos into branded proof assets, leads, quotes, invoices, appointments, client workspaces, and follow-up workflows; currently trialing with 14 active users.
- Designed multi-tenant schema for profiles, comparisons, AI captions, leads, quotes, agreements, invoices, appointments, support tickets, and workspace events with RLS-backed access controls.
- Built Stripe billing/deposit workflows, AI/LLM captioning with OpenAI/Anthropic prompt guardrails, Sentry monitoring, and Playwright smoke tests for critical paths.

Korent - Rental Booking & Operations SaaS | korent.app | github.com/kkoly10/rental-software

Next.js 16 | *React* 19 | *Supabase* | *Stripe* | *Resend* | *Twilio* | *Zod* | *Leaflet* | *jsPDF* | *Playwright*

- Built multi-tenant rental platform with subdomain/custom domain support, product catalogs, real-time availability, customer checkout, deposits, order management, digital waivers, delivery routing, reminders, and PWA-ready flows.
- Implemented checkout logic for service-area lookup, price/deposit calculation, Stripe routing, order confirmation, and rate-limited APIs; identified and patched catalog isolation and webhook race-condition issues during pre-beta hardening.

Fleiko - Fleet Management SaaS with AI Copilot | fleiko.com | github.com/kkoly10/Fleet-management

Next.js 15 | *React* 19 | *Supabase* | *Stripe* | *Anthropic* | *Mapbox* | *Capacitor* | *Upstash* | *Resend* | *Zod*

- Built fleet platform covering vehicles, drivers, documents, maintenance, repairs, inspections, fuel logs, expenses, readiness, fleet health, DIY plans, and managed service workflows.
- Built Fleet Copilot as an LLM-powered assistant to summarize fleet state, flag risks, and prioritize actions with guarded Anthropic prompts so user-entered records are treated as data, not instructions; added Mapbox geospatial queries, Upstash rate limiting, and Capacitor mobile wrapper.

Kocre IT - AI-Assisted Remote IT Support Platform | kocreit.com | github.com/kkoly10/IT-Support-E-commerce

Next.js | *React* | *Supabase* | *Anthropic Claude API* | *client portal* | *admin dashboard* | *AI/LLM support workflows*

- Built remote IT support platform with public assessment flow, client portal, admin dashboard, onboarding readiness, contacts/access/document tracking, support tickets, and lifecycle-aware client management.
- Built Ghost AI / LLM workflows for ticket coaching, suggested replies, follow-up drafts, internal search, assessment/onboarding review, SOP/KB drafts, and guarded AutoResolve for low-risk support requests.

CrecyStudio - Web Studio Platform & Client Project Workspace | crecystudio.com | github.com/kkoly10/website-builder

Next.js | *React* | *Supabase* | *Stripe-style workflow logic* | *PDF/QR tooling* | *portals* | *admin workflows*

- Built studio platform for website/custom app delivery with intake, estimates, scope snapshots, deposits, proposals/agreements, invoices, revision tracking, client portal, previews, and launch-readiness workflows.

PROFESSIONAL EXPERIENCE

Laboratory Technician - HPLC / UV-Vis Specialist | Elutia, Vandstrom, Thermo Fisher Scientific | Gaithersburg/Germantown, MD | 2020 - Present

- Regulated medical-device R&D/QC work requiring SOP compliance, audit-ready records, traceability, data review, and troubleshooting - practices carried into engineering as testing rigor, validation, and reliable production systems.

EDUCATION & CERTIFICATIONS

Associate's Degree, General Studies - Baltimore City Community College | CompTIA A+ - Complete