

Joey Kubalak

Product-Minded Software Engineer | Secure Web Applications

New Park, PA | Open to remote and hybrid roles | 570-369-6242 | jkubalak.dev@gmail.com
buildwithtreez.com | github.com/TreezCode | linkedin.com/in/joey-kubalak

PROFESSIONAL SUMMARY

Product-minded software engineer building secure web applications with TypeScript, React, Next.js, and PostgreSQL. CompTIA Security+ certified with an A.A.S. in Information Security and experience shipping SaaS products, production client work, and developer tooling from concept through verified release.

ENGINEERING EXPERIENCE

Founder & Software Engineer | Codorus Web

Self-employed | New Park, PA | Aug 2026 - Present | codorusweb.com

- Launched a founder-led web studio and own client discovery, technical direction, implementation, deployment, release verification, and ongoing operations.
- Built the Codorus platform as a fast Astro static site with automated release gates for responsive behavior, accessibility, reduced motion, security headers, metadata, and claim accuracy.

SELECTED ENGINEERING WORK

Ascension Roofing Colorado | Production Client Rebuild | Live Site

Next.js 16, React 19, TypeScript, Resend, Playwright, Vercel

- Directed an end-to-end WordPress-to-Next.js redesign and production cutover while preserving email continuity, redirects, canonical URLs, rollback assets, and client ownership boundaries.
- Shipped consent-gated GA4 without form PII, verified estimate delivery, and a release that passed type checking, production build, dependency audit, and 27/27 end-to-end tests; mobile lab scores reached 94 performance, 100 accessibility, and 100 best practices.

PresentSphere | Deployed Validation Product | presentsphere.com

Next.js 16, React 19, TypeScript, Supabase, PostgreSQL, RLS, Resend, Stripe

- Designed and built a private gift-planning SaaS with profiles, trusted circles, wishlists, hints, reservations, reminders, invitations, and transactional email.
- Architected a privacy-first Postgres model with Row Level Security on every table and Surprise Mode that hides buyer coordination from gift recipients; implemented subscription infrastructure with billing enforcement intentionally gated during validation.

AI Engineering Operating System | Public Beta Tooling | Source

TypeScript, Node.js, JSON Schema, AJV, Vitest

- Built a provider-neutral, local-first CLI and versioned ledger for governed AI-assisted delivery, separating owner, supervisor, and builder authority across discovery, audits, features, and greenfield builds.
- Implemented schema validation, stable exit codes, revision and SHA-256 digest gates, generated handoff views, and automated contract coverage to prevent stale approvals from advancing workflow state.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, HTML, CSS | **Web:** React, Next.js, Node.js, Tailwind CSS, Astro, Three.js

Data & Platforms: PostgreSQL, Supabase, Row Level Security, Stripe, Resend, Vercel, Netlify | **Quality:** Playwright, Vitest, GitHub Actions, responsive and accessible UI

Security: Secure architecture, OWASP Top 10, CSP, privacy-aware analytics; Burp Suite, Wireshark, Nmap, Nessus, Metasploit, and Kali Linux in coursework and labs

EDUCATION & CREDENTIALS

A.A.S., Information Security | Northampton Community College | 2025 | Dean's List, all semesters (2022-2025)

Relevant study: Network Security, Penetration Testing, Ethical Hacking, Secure Systems Design; job shadowing with cybersecurity and software development teams

CompTIA Security+ CE | Valid 2024-2027 | **Cisco Networking Academy: Introduction to Networks** | Training

Full Stack Web Development Certificate | University of Denver | 2019

ADDITIONAL EXPERIENCE

Delivery Associate, Walmart | Apr 2023 - Present | **Delivery Partner, Amazon Flex** | Apr 2020 - Feb 2023

Managed time-sensitive routes and customer issues while completing a degree and building production software outside work.