

Joshua

COMPLIANCE • AI APPLICATION ENGINEER • FORWARD DEPLOYED ENGINEER

JDonline94@outlook.com | New Jersey

PROFESSIONAL SUMMARY

AI application engineer who ships production software end to end — LLM product design, serverless backends, auth, payments, and deploy. Launched three live web apps (two of them AI products on the OpenAI and Claude APIs) with GitHub OAuth, Stripe, rate limiting, and cost controls; built a local security scanner that caught a real production vulnerability; and is building **Cobalt**, a self-hosted fine-tuned model to cut third-party API dependence. Pairs that with years of client-facing work in regulated banking and legal operations — translating complex systems for non-technical stakeholders and executives. Builds fast with AI as a force multiplier while owning and understanding every line. Comfortable with ambiguity and fast, reliable shipping.

AREAS OF EXPERTISE

PROFESSIONAL SKILLS: Client-facing solution delivery · Stakeholder & executive communication · Translating technical concepts for non-technical audiences · Cross-functional collaboration · Requirements gathering & process design · Regulated-industry domain knowledge (legal, financial services, compliance) · Comfort with ambiguity · Fast, reliable shipping

TECHNICAL SKILLS:

Languages: JavaScript, Python, HTML, CSS

Frameworks & Runtime: Next.js, React, Node.js

AI & LLM: OpenAI API, Anthropic (Claude) API, prompt engineering, LLM application design, retrieval & context handling, RAG / retrieval, evals, and agents

Backend & Integration: REST API integration, serverless functions, Stripe payments & webhooks, GitHub OAuth, authentication, rate limiting, secrets/environment management

Deployment & Tools: Git, GitHub, Netlify, continuous deploy from Git, DNS configuration, VS Code

PROJECTS

Repo Explainer — AI tool that maps any public GitHub codebase in plain English · *Next.js, OpenAI API, GitHub OAuth* · repo.parquemediamedia.com

- Built and shipped an end-to-end LLM product that integrates the GitHub API (with repo-size and file caps) and the OpenAI API to generate a structured tour, a “Start Here” map, a health check, and a Q&A box over any public repository.
- Built a retrieval step that feeds the model only the relevant code per question, keeping answers accurate and token costs controlled.
- Hardened for production: GitHub OAuth sign-in, per-user rate limits, a site-wide daily cost cap, secret masking before code is sent, server-only API keys, and Stripe subscriptions for a paid tier.

Contract Explainer — AI tool that explains contracts and policies in plain English · *JavaScript, Netlify Functions, Anthropic (Claude) API* · contracts.parquemediamedia.com

- Shipped a serverless AI app that breaks any contract or policy into section-by-section plain-English explanations with severity flags and a “what matters most” summary.
- Built a 62-rule red-flag scanner and in-browser PDF/text parsing; routed all AI calls through a Netlify Function with the API key held server-side.
- Added rate limiting, a daily spend cap, consent gating, and a full set of policy pages for compliant public use.

Security Scanner — local tool that audits web apps for 19 classes of security flaw and explains each fix in plain English · Node.js, OpenAI API · *private tool*

- Built a local scanner that checks a codebase across 19 vulnerability categories — leaked secrets, missing auth checks, injection risks, vulnerable dependencies, missing security headers — using an LLM to explain each finding and fix in plain English.
- Validated it against a 20-flaw test fixture (20/20) before trusting it; run on my own projects it flagged a critical Next.js dependency vulnerability I patched the same day, bringing all apps to zero open findings.
- Designed local-first by intent — because it reads source, secrets, and git history, nothing leaves the machine.

Your Life in Weeks — interactive data-visualization app · *JavaScript, Canvas API* · weeks.parquemedia.com

- Built a from-scratch interactive grid that renders a life as 52-week rows, with life chapters and the weeks shared with your kids.
- Generated a downloadable, shareable summary image with the Canvas API; shipped live on its own domain.

Cobalt (in development) — self-hosted, fine-tuned open-weight model to replace third-party API dependencies · fine-tuning, self-hosted inference

- Building an in-house model, fine-tuned from an open-weight base and self-hosted, so my products can run on it instead of a paid API — for cost control, version stability, and keeping user data inside the boundary.

P R O F E S S I O N A L E X P E R I E N C E

Administrative Specialist

2026 - Present

- Own litigation case files, tracking filing deadlines and court dates and updating litigation tracking reports and spreadsheets with real-time case activity; prepare weekly litigation status reports summarizing all active lawsuits.
- Conduct legal research and litigation tracking using the federal PACER database, and serve as liaison between repossession vendors and insurance carriers to coordinate active recovery matters.
- Manage attorney onboarding protocols — engagement letters, W-9s, and banking information — and work with accounts payable on new attorney setups and billing approvals.

Senior Banker, Bank of America | Edison, NJ

February 2023 - August 2026

- Client-facing role managing complex documentation and multi-step processes across deposit, lending, and investment accounts; coordinated with specialist teams to keep work accurate and on track.
- Built and led a documentation/process-improvement initiative adopted branch-wide; selected to present findings and recommendations directly to senior leadership.

Associate Banker, JPMorgan Chase | Jersey City, NJ

June 2021 - November 2022

- Rapidly elevated to Subject Matter Expert for new-account onboarding; redesigned the client intake process to cut friction and rework — a workflow later adopted branch-wide.
- Translated complex account requirements into clear, tailored solutions and served as the team's go-to for escalated and complex cases.

Infantry, United States Marine Corps Reserve | Buffalo, NY · Deployed to Japan & South Korea

June 2017 – June 2021

- Led a fire team as an infantry (0311) team leader; deployed overseas for training across the Indo-Pacific — jungle-warfare and air-assault (fast-rope) training in Okinawa and mainland Japan (Camp Fuji), and live-fire combined training in South Korea (awarded the Korean Defense Service Medal).
- Accountable for \$500K+ in weapons, optics, and equipment, including standing ammunition-guard rotations; maintained a zero-injury safety record as team leader.
- Executed complex operational plans under pressure and made sound decisions in fast-changing, high-stakes environments with incomplete information.

E D U C A T I O N

Master of Arts in Public Policy & Administration, Northwestern University, *Evanston, IL* | 2023

Bachelor of Arts in Political Science, State University of New York at Oswego, *Oswego, NY* | 2019

Certifications: Notary Public (NJ, active) · Securities Industry Essentials (SIE), FINRA (2023)