

KYLE D. LAMB

St. Petersburg, FL | (727) 900-8417 | KyleDavidLamb@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Online Resume Password: bearfox17

PROFESSIONAL SUMMARY

Full-stack developer and AI product builder with experience designing, building, and deploying production SaaS applications powered by large language models. Built The Social Fox — an AI-powered caption generator with a patented learning system — from architecture through patent filing, integrating Anthropic’s Claude API for vision analysis and text generation. Combines hands-on development (React, PostgreSQL, serverless functions) with practical AI integration skills including prompt engineering, LLM API design, and AI-assisted development workflows. Background in software support, infrastructure, and consulting provides strong foundation in debugging, system design, and shipping under real-world constraints.

TECHNICAL SKILLS

AI & LLM Integration: Anthropic Claude API (text + vision), prompt engineering, persona-based prompt compilation, context injection, AI-assisted development (Claude Code, ChatGPT)

Frontend: React 18, JavaScript (ES6+), HTML5, CSS3, Vite, react-router-dom, responsive design

Backend & Database: Supabase (PostgreSQL), Row Level Security, Edge Functions (Deno), REST APIs, database schema design, SQL migrations

Payments & SaaS: Stripe (Checkout, Webhooks, Subscriptions), tiered subscription management, usage metering

DevOps & Tools: Git, GitHub, Supabase CLI, PowerShell, Bash, Vercel/Netlify deployment

Additional: Figma, Jira, technical documentation, cross-browser testing, WCAG accessibility

PROJECTS

The Social Fox | Founder & Sole Developer

thesocialfox.com | [GitHub: github.com/kylemayfield/TheSocialFox-Portfolio](https://github.com/kylemayfield/TheSocialFox-Portfolio) | January 2026 – Present

AI-powered SaaS platform that generates social media captions matching a user’s brand voice. Built end-to-end as a solo developer — architecture, frontend, backend, AI integration, payments, and patent filing.

- Architected full-stack application with React 18, Supabase (PostgreSQL), Stripe, and Anthropic Claude API
- Designed prompt engineering system that compiles user persona data (topics, tones, audience, catchphrases, emoji/hashtag preferences) into optimized Claude API prompts with vision analysis
- Built serverless Edge Functions (Deno) to securely proxy Claude API and Stripe calls, keeping API keys server-side
- Designed PostgreSQL schema with 9+ tables, Row Level Security policies, and incremental SQL migrations
- Implemented 6-tier subscription system (Free through Enterprise) with Stripe Checkout, webhooks, and usage metering
- Developed patented AI learning system (USPTO Provisional #63/974,681) enabling personas to learn from user edits using edit-delta analysis and probability-based scoring
- Built photo library with EXIF extraction, multi-photo carousel, smart shuffle, content scheduling, Google Calendar integration, affiliate system, and admin panel
- Shipped production application with error boundaries, offline detection, toast notifications, and onboarding flow

PROFESSIONAL EXPERIENCE

Junior Developer | Centurion Cares | Oldsmar, FL

June 2025 – Present

- Resolved persistent web chat widget reliability issues deployed across 100+ enterprise client sites through systematic cross-browser and cross-device debugging
- Designed and built browser-based chat UI components with responsive HTML/CSS for mobile and desktop

- Collaborated with senior developers on mobile web chat application from conception through launch
- Leveraged AI tools (Claude, ChatGPT) for code scaffolding, documentation, and UI/UX optimization

Software Support Specialist III | Centurion Cares | Oldsmar, FL

March 2024 – May 2025

- Automated repetitive workflows using PowerShell scripting, improving operational efficiency by 25%
- Provided advanced technical support for financial, government, and utility sector clients across production and DR systems
- Analyzed log files, traces, and Wireshark packet captures to diagnose and resolve complex system issues
- Built and optimized IVR call flows; tracked tickets and development workflows in Jira

Web Design & Digital Growth Consultant | Independent

2024 – Present

- Delivered end-to-end website development for small business clients: requirements, design, build, SEO, and launch
- Built SEO-optimized, mobile-responsive sites with conversion-focused layouts and WCAG accessibility
- Managed multiple concurrent client projects with scope definition, milestones, and budget tracking

Data Center Infrastructure Technician | Amazon Web Services | Columbus, OH

October 2013 – January 2015

- Installed and maintained large-scale data center infrastructure including server racks, switches, and cabling
- Collaborated with engineering teams on system configuration and quality validation across project phases

EDUCATION

Associate of Science in Computer Programming & Analysis

St. Petersburg College | St. Petersburg, FL

PATENT

USPTO Provisional Application #63/974,681 (Filed February 2026)

AI Learning System for persona-based content generation — edit-delta analysis with probability-based scoring and hierarchical propagation