

Jacob "Jake" Viefhaus

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Objective

Computer Science / Cybersecurity Engineering student (CTU; 3.9 GPA, Dean's List every quarter; ~50 credits earned, two semesters remaining) seeking part-time or entry-level IT, web development, or security roles. Proven track record building and maintaining production web applications, e-commerce infrastructure, and security tooling. Florissant, MO resident with flexible availability.

Skills

Systems	Windows 10/11, Linux (Kali, WSL), macOS, hardware build/repair, driver & boot troubleshooting, Android/ADB, system imaging
Network & Cloud	DNS, routing, Wi-Fi, Cloudflare (Pages, Workers, DNS), Vercel, domain management, WSL networking
Security	Penetration testing, Burp Suite, Nmap, nuclei, OWASP Top 10, vulnerability research, security hygiene, authorized bug bounty
Web Dev	Next.js 14–16, React 18/19, TypeScript, Tailwind CSS, Node.js, Stripe checkout, REST APIs, responsive design
Programming	JavaScript/TypeScript, Python, Java (Spring Boot 3, Java 21, Gradle), Bash, HTML/CSS, Solidity
Tools	Git/GitHub, VS Code, Docker, pnpm/Turbo monorepos, ffmpeg

Experience

Freelance Web Developer & Webmaster — myhairloss.com

2026–present

- Designed, built, and maintain a full Next.js 14 healthcare marketing site: Stripe shop, booking, consultation & contact APIs, admin panel, blog with RSS — deployed on Cloudflare Pages with custom domain
- Manage domain/DNS, hosting, deployment, SEO content, and client communication; rescued a non-functional client site into a working production site same-day

E-commerce Infrastructure — United Distribution (Florissant, MO)

2026

- Architected KananOS/kanan-e: scalable multi-tenant e-commerce for a B2B/B2C wholesale distributor — cataloging (~100+ SKU categories), payment flow, deployment pipeline; direct owner communication and reliable delivery

Security Research & DevOps Projects

2026

- Authorized vulnerability research (Dropbox, Azure DevOps, and others); operated a Kali Linux recon/testing lab
- Built AgentOS (multi-module Spring Boot 3 / Java 21, Gradle, Docker) and deployed HexStrike AI MCP (150+ security tools)

Education

Colorado Technical University — B.S. Computer Science / Cybersecurity Engineering

Two semesters remaining

3.9 GPA — Dean's List every quarter — Straight-A student (50 credits earned). Coursework: network security, operating systems, programming, web technologies, databases, information assurance, artificial intelligence, college mathematics (algebra), plus communication, writing, ethics, and sociology.

Additional

- Local & available:** Florissant, MO (St. Louis metro); open to mornings, weekends, part-time hours
- Communication:** comfortable with clients, staff, and end users alike; patient and judgment-free by nature
- Reliability:** managed multiple client projects while maintaining a 3.9 GPA and Dean's List status