

Ethan Stoner

CLOUD & SYSTEMS · FULL-STACK & AI PIPELINES

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PROFESSIONAL SUMMARY

Cloud- and systems-focused student who builds, ships, and self-hosts live full-stack and AI products on local GPU hardware — owning everything from deployment and DNS to uptime and troubleshooting. Combines hands-on engineering with strong customer communication and collaborative Git-based development. Pursuing the AWS Certified Cloud Practitioner (CLF-C02) certification.

TECHNICAL SKILLS

Cloud & DevOps	AWS, Docker, GitHub Actions, Linux, Self-Hosted Deployment, Systems Administration
Programming	Python, JavaScript, TypeScript, C#
AI & Computer Vision	ComfyUI, Local Model Inference, Whisper, YOLOv8, OpenCV, GPU Workloads
Automation & Testing	Playwright, pytest, GitHub Actions CI, Workflow Automation, Scripting
Web & Systems	FastAPI, Next.js, SQLite, WebSockets, REST APIs, Git, DNS, Site Reliability

EXPERIENCE

- Freelance Web Developer** — Self-Employed 2024 – Present
- Design, build, deploy, and maintain production websites for small-business clients end to end.
 - Delivered gsi.fluximetry.com — a live Next.js site for GSI Sand & Gravel; manage its DNS, hosting, and uptime.
- Riffyx Labs Mentorship** — Mentored by Cisco Professionals 2025 – 2026
Mentee / Project Collaborator
- Built hands-on AWS, debugging, and real-world troubleshooting experience across mentored projects.
 - Used Git workflows — branches, commits, and pull requests — alongside experienced engineers.
- Cheryl's Caramels** — Oceanside, CA 2022 – 2025
Team Member
- Engaged customers at markets and events; handled cash and digital transactions accurately.
 - Tested Stripe checkout flows before release to verify payment reliability.
- TrashCan Powerwashing** — Co-Founder Aug – Oct 2025
- Co-founded a residential power-washing business; ran scheduling, customer communication, and finances.

PROJECTS

- Qorlyt — Image-to-3D Generator** qorlyt.com
- Live self-hosted product: one image → a textured 3D model in ~80s via local ComfyUI + Hunyuan3D 2.1.
 - FastAPI backend with a persistent WebSocket for real-time progress and an async GPU job queue with live ETA.
- Lyric Generator** github.com/ethanstoner/lyric-generator
- FastAPI pipeline: Spotify → yt-dlp → Whisper word-timing → Pillow → ffmpeg, with an async job queue.
 - Packaged with pyproject.toml and tested in GitHub Actions CI on every push.
- CSUSM Campus Monitor** github.com/ethanstoner/csusm-monitor
- Real-time occupancy monitor: YOLOv8 detection on live HLS streams with false-positive filtering.
 - FastAPI + SQLite dashboard with live video, heatmaps, and best-times; CI-tested.
- AI-Generated 3D Digital Assets**
- Sold ~9,900 AI-generated 3D assets to date via a self-hosted ComfyUI + Hunyuan3D GPU pipeline — automated, monetized, and generating recurring revenue.

EDUCATION & CERTIFICATION

- Great Oak High School** Expected Graduation: June 2026
- AWS Certified Cloud Practitioner (CLF-C02)** In Progress