Leo Klemet

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AI Engineer & Creative Technologist

Blending **machine learning, generative AI, and 3D art** to create immersive, intelligent, and visually captivating experiences.

Summary

Creative technologist and AI engineer with a **BFA in Game Design** and expertise in **AI-driven systems**, **generative pipelines**, and **autonomous agents**. Experienced in building **end-to-end AI applications**, training **LoRAs**, and deploying **RAG systems** that merge technical precision with visual creativity. Passionate about designing intelligent tools that streamline workflows and enhance storytelling.

Core Skills

- **AI & ML Development:** Python, FastAPI, Stable Diffusion, ComfyUI, Kohya_ss, SDXL, DreamBooth, Ollama, OpenAI API
- **Generative Media & Tools:** RunwayML, ElevenLabs, Suno AI, Midjourney, ControlNet, LoRA training, Prompt Engineering
- **Creative & 3D Workflow:** Blender, ZBrush, Unreal Engine, Unity, Photoshop, After Effects, Premiere Pro
- **Full-Stack & Cloud:** React/Vite, Docker, Postgres, Nginx, Cloudflare, GitHub Actions, RAG/pgvector
- **Soft Skills:** Bilingual (English/French), strong communication, leadership, and creative problem-solving

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Featured Projects (2025)

🧠 SiteAgent – *Autonomous AI Portfolio Website*

Stack: FastAPI · React/Vite · Ollama (GPT-OSS-20B) · Cloudflare Tunnel · RAG Search
- Built a **self-maintaining personal site** where an AI agent autonomously updates content, SEO, and project metadata.

- Implemented **local-first RAG pipelines** and secure admin APIs for automated content ingestion.
- Integrated analytics dashboards, status tracking, and voice interaction prototypes.

❤️DataPipe AI – *AI Workflow Automation Platform*

Role: Co-Founder, AI Engineer (with Ahmad Graham)
- Designed a **multi-agent orchestration system** that automates creative and data pipelines using LLM tools.
- Engineered modular APIs for ingestion, transformation, and report generation.
- Directed branding visuals and demos to illustrate AI-augmented collaboration.

👎Derma AI – *AI-Powered Dermatology Diagnostic Tool*

- Built an **AI inference pipeline** for dermatological image classification and symptom analysis.
- Applied **transfer learning** with explainable overlays for trustworthy predictions.
- Focused on **UX transparency and ethical model deployment.**

👂 LedgerMind – *Explainable Finance Agent*

Stack: FastAPI + React · Postgres · pgvector · Ollama · OpenAI fallback
- Developed a **personal finance agent** capable of autonomous categorization, forecasting, and anomaly detection.
- Implemented **GCP KMS encryption** and Cloudflare-based zero-trust security.
- Delivered detailed analytics dashboards for trends and recurring expenses.

😓Pixel Banana Suite – *Generative Animation System*

- Created an **AI-assisted sprite and animation generator** using ComfyUI and FastAPI for pixel-perfect assets.
- Automated sprite sheet, GIF, and metadata output pipelines.

😏TAX EVI$ION – *AI-Generated Cinematic Short*

- Directed a satirical espionage-style trailer leveraging RunwayML (video), ElevenLabs (voice), and Suno AI (sound).
- Demonstrated full AI-to-video storytelling with cohesive tone and pacing.

Education

BFA – Computer Game Design
George Mason University, Fairfax, VA · May 2025

Experience

Team Member · Shake Shack · Arlington, VA · 2022–2023
- Ensured operational efficiency and quality in a high-volume environment.

Food Runner · Kaliwa · Washington, DC · 2023
- Supported coordinated service and front-of-house operations.

Camp Counselor · Youpii · Ivory Coast · 2020
- Led youth programming in French and English; encouraged teamwork and creative engagement.

Recruiter Keywords (SEO)

AI Engineer · Creative Technologist · ML Engineer · Generative AI · LoRA Training · RAG Systems · FastAPI · React · Docker · Stable Diffusion · Cloudflare · Ollama · Blender · Unreal Engine · Python · AI Automation · Autonomous Agents · 3D Art · Visual AI Systems