






Alex Seisler *Software Engineer*

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Profile

Software Engineer and AI Systems Architect with 3+ years delivering production-grade SaaS platforms, multi-agent AI systems, and automation pipelines. Architected full-stack systems using Python, FastAPI, LangChain, React, Next.js 14, Supabase, and GPT-4o. Delivered secure, cloud-ready applications integrating function-calling AI agents, task queues, and CI/CD pipelines for commercial, civic, and client-facing deployments.

Skills

--Core Engineering--

Python, FastAPI, SQL, PostgreSQL, JavaScript, TypeScript, React, Next.js 14, Tailwind CSS, Node.js, Git, SQLAlchemy

--AI Tools--

LangChain, GPT-4o Function Calling, Agent Architectures, Vector DBs (ChromaDB, Weaviate, pgvector), Claude, Cursor, FFmpeg Automation

--Automation/Workflow--

N8N, Make, Zapier, RESTful APIs, Webhooks, Queues (Celery)

--DevOps / Deployment--

Docker, CI/CD Pipelines, Render, GitHub OAuth (R/W), Secrets Management, Cloud-Ready (AWS/GCP Adaptable)

--Methodologies--

Modular Architecture, Agile (Scrum), SaaS Multi-Tenant Builds, AI Ops Orchestration, Automation Pipelines, Systems Integration, TDD

Education

A. S. - Software Engineering

Thaddeus Stevens College of Technology | GPA: 4.0

Projected Graduation: May 2026

- Event Chair, Student Government Association
- Phi Theta Kappa Honors Society (PTK)

Professional Experience

Founder & Lead Engineer

ACS Results — Sept 2024 – Present | Remote

- Engineered CIAN (Central Intelligence Automation Network): GPT-4o multi-agent orchestration using LangChain, vector memory, function calling APIs, GitHub OAuth, and real-time database task pipelines.
- Architected SMMAA: SaaS automation platform combining AI-powered content creation, video processing, and client dashboard delivery.
- Built full-stack SaaS backend with FastAPI, PostgreSQL, Next.js 14, Tailwind CSS, CI/CD, with secure auth flows (OAuth2, Supabase Auth) and adaptable to AWS/GCP cloud stacks.

Full-Stack Engineer

ColumbiaPA300 Civic Platform (Client Project) -- 2025

- Delivered end-to-end SaaS civic platform with public voting, logo submissions, AI-powered banner design, and borough monetization funnels.
- Developed multi-agent creative direction models using 5-step AI payload systems for automated civic branding.

Automation Developer (Contract)

Red Rose Digital Media — April 2025 – Present

Deployed SMMAA platform for agency clients with fully automated AI-powered intake, processing, and multi-platform video distribution across TikTok, YouTube, Instagram, and Facebook.

Freelance AI Builder

Self-employed Projects — Sept 2024 – March 2025

Built AI systems for document parsing, auto-reply generation, long-context GPT chains, and business automation workflows.

HIM Analyst

e4.health — March 2025 – Present | Remote

Conducted HIM analysis, ensuring data integrity across electronic health records (EHR) systems.

Student Teacher – Python Fundamentals

August 2022 – June 2023

Led coding sessions and mentored students to improve technical skills in Python fundamentals and problem-solving.