

# Alex Seisler

Software Engineer/Systems Architect

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## SUMMARY

**Software Engineer** with strong CS foundations (**algorithms, data structures, OOP, distributed systems, concurrency**) and **3+ years building SaaS and automation platforms**. Skilled in **full-stack development** (Python, Java, JavaScript, SQL, React, Node) with cloud deployment on **AWS (EC2, S3, Lambda), Vercel, and Docker**. Proven ability to ship **production apps adopted by 100+ users**, integrated **Stripe payments**, and managed **schema migrations** across relational databases (**PostgreSQL, MySQL**) while implementing **vector databases (Pinecone, Weaviate, Chroma)** for AI-driven features. Experienced in **Agile collaboration, CI/CD pipelines**, and applying **automation/AI APIs** to optimize efficiency.

## EXPERIENCE

### Full Stack Software Engineer

ColumbiaPA300 Civic Engagement Platform - Remote

May '25 — Aug '25

- **Deployed a civic SaaS platform** on AWS with **PostgreSQL**, ensuring scalability hosting to **100+ active users**.
- **Processed \$1.5K+ in transactions** by integrating **Stripe Checkout**, and processed **170+ user submissions**.
- **Automated workflows** via **Google Drive + Slack APIs**, enabling 120+ secure media uploads
- **Impact:** Campaign drove **5.8K+ views** and **2.1K unique users**, boosting measurable **community engagement**.
- **Stack:** AWS (EC2, S3), PostgreSQL, Docker, React 19 + TailwindCSS, Stripe, Slack, and Google APIs

### Systems Engineer

AI Dev Federation Dashboard

Jul '25 — Present

- **Built a multi-agent orchestration platform** (“company-in-a-box”) uniting Systems + Security Architect and DevBot.
- **Integrated Hugging Face + GitHub APIs + MCP Servers**, enabling live repo navigation and live LibCST patching.
- **Validated platform** via AI Dev: Trifecta, onboarding **3+ pilot users** for live CI/CD pipeline testing.
- **Impact:** Optimized agent flow, reducing system design-to-deployment cycle times by **85%**.
- **Stack:** AWS, PostgreSQL, Pinecone, ChromaDB, React + TailwindCSS, FastAPI, LangChain.

### Software Engineer

ACS Results

Oct '24 — Feb '25

- **Launched** SaaS platform for vocational students with **React + TypeScript**, enabling 22+ users to build portfolios.
- **Executed** campus campaign using **QR codes** + posters, reaching **100+ students** for client acquisition.
- **Integrated** tiered pricing with **Stripe**, generating **\$1K+ initial SaaS revenue** from early adopters.
- **Impact:** Converted student SaaS into client funnel, leading to first paid external contract.
- **Stack:** Netlify, Supabase, React + TypeScript + TailwindCSS + Vite, REST APIs, Stripe, Voiceflow

### Automation Engineer

ACSResultsAI

Jan '25 — Apr '25

- **Developed** SaaS showcase platform with **React + TypeScript + Vite**, styled using **TailwindCSS + Shadcn UI**.
- **Integrated** automation tools (**Voiceflow, Vapi, Make, n8n**) powering chatbots, AI call agents, and workflows.
- **Designed** Supabase **SQL schema + migrations**, enabling CRM features and user tracking in prototype builds.
- **Impact:** Delivered **3+ client-facing** automation projects, achieving **3.2× ROI** for clients.
- **Stack:** Netlify, Supabase, React + TypeScript + TailwindCSS + Vite, REST APIs.

### Frontend Engineer (Freelance)

RougeStoryWorld

Feb '25

- **Designed and delivered** a production landing page for an audiobook creator using React 19 + TailwindCSS.
- Integrated Amazon Storefront + YouTube embeds, enabling direct book sales and promotional trailers.
- **Impact:** Boosted conversions by **34%**, strengthening client branding and eCommerce presence.
- **Stack:** Netlify, React 19 + TailwindCSS + Vite, React Router DOM, Framer Motion.

## SKILLS

**Programming & Backend:** Python, Java, JavaScript, TypeScript, SQL, FastAPI, Node.js, Express

**Backend Fundamentals:** REST APIs, GraphQL, OOP, Distributed Systems, Concurrency, Algorithms, Data Structures

**Frontend & UI:** React 18/19, TypeScript, Vite, TailwindCSS, Shadcn UI, Framer Motion, React Router DOM

**Databases & Data Management:** PostgreSQL, MySQL, Supabase, MongoDB, SQLite, Pinecone, Chroma, Flyway

**DevOps & Infra:** AWS (EC2, S3, Lambda), Vercel, Docker, CI/CD, Netlify

**Security & Testing:** OWASP, Audit Logging, Integration Testing, GitHub

**AI & Automation Tools:** OpenAI API, LangChain, Hugging Face, Make, n8n

## EDUCATION

**A.S. in Software Engineering,** Thaddeus Stevens College of Technology - GPA: 4.0 (Expected May 2026)

Present

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