**Adam Matthew Steinberger**

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**SUMMARY**

*Senior Software Engineering Consultant and AI Developer with 12+ years of experience building secure, scalable systems across finance, AI, and privacy tech. I specialize in custom AI development---including self-hosted LLM APIs, RAG pipelines, and autonomous agents---and help clients transition away from Big Tech through decentralized, mission-aligned infrastructure. My work blends backend engineering, server administration, and cloud architecture (Python, JavaScript, .NET, Ubuntu, AWS/Azure) with a strong focus on automation, data ownership, and ethical software design. Whether launching private chatbots or hardening full-stack systems, I deliver thoughtful, resilient solutions tailored to modern privacy and AI demands.*

**SUMMARY OF SKILLS**

*AI & ML Tools:*Mistral, RAG, LoRA, n8n, vLLM, OpenWebUI, Prompt Engineering, Custom Instructions

*Languages & Frameworks:* JavaScript, Python, C#, NestJS, Flask, WebAPI

*Databases:* PostgreSQL, SQL Server, Snowflake

*Cloud & Infrastructure:* Azure, AWS, DigitalOcean, Ubuntu Server, Docker, DNS, CI/CD pipelines

*Privacy & Deplatforming:*Proton, Ubuntu, GrapheneOS, LineageOS, System76, F-Droid/Aurora, Duck.ai, Warp

*Methodologies & Soft Skills:* Agile/Scrum, Consulting, Leadership, Entrepreneurship, Ethical & Privacy-First Tech

**PROFESSIONAL EXPERIENCE**

**Adam Matthew Steinberger LLC** **Wake Forest, NC**

**Senior Software Engineering Consultant 03/2025-Present**

* Architected and deployed a suite of private, OpenAI-compatible APIs and inference endpoints using Mistral-7B and custom RAG pipelines for secure, self-hosted chatbot solutions.
* Implemented OpenAI-style instruction-tuning and prompt engineering workflows for fine-tuned and local models to meet specific client needs across industry sectors.
* Developed web-based chat and automation tools using OpenWebUI and n8n, integrating local LLMs for autonomous workflows and client-facing applications.
* Set up full-stack observability using Grafana and Prometheus to monitor AI infrastructure health, latency, and throughput.
* Built and maintained decentralized server infrastructure for AI, messaging, email, and monitoring platforms using Ubuntu Server, Docker, and DNS-based routing across multiple domains.
* Deployed, monitored, and maintained AI hosting stacks both in the cloud and on local hardware, with DNS-level integration and self-contained authentication.
* Designed, hardened, and administered secure services including Postfix-based mail servers, Grafana dashboards, Ghost blogs, Matrix messaging (Element), and GPS tracking platforms.
* Advised on and implemented comprehensive deplatforming strategies, replacing Big Tech dependencies with privacy-respecting alternatives such as Proton (mail, calendar), GrapheneOS (mobile), and System76/Linux hardware.
* Supported open-source, ethical tech by prioritizing decentralization, user sovereignty, and mission-aligned infrastructure in all client-facing deployments.
* Consulted on digital resilience and vendor independence for individuals, nonprofits, and small organizations with mission-aligned technology needs.
* Developed pricing models and engagement strategies for AI chatbot projects ranging from $10K to $35K+.

**Lima One Capital** **Greenville, SC**

**Senior Software Engineer 05/2023-02/2025**

* Led Python & JavaScript integrations using APIs, Webhooks, and Job Schedulers.
* Redesigned an enterprise software suite with NestJS microservices (gRPC, REST) & PostgreSQL.
* Migrated legacy Mulesoft APIs to NestJS, improving system efficiency.
* Led .NET & ReactJS development for a mortgage broker platform.
* Built HubSpot Sync, automating SharePoint & HubSpot data flow for marketing.
* Developed Elphi ETL, capturing & tracking Elphi data in Snowflake via webhook.
* Integrated HouseCanary property data into Snowflake for real-time accessibility.
* Automated Paylocity Sync, logging HR changes into Halo ITSM.
* Created Snow Portal, a job scheduling system for Snowflake (Alteryx alternative).
* Designed and implemented PE Microservices, including Nest-based authentication & logging solutions.
* Prototyped the PE Next Web App, a modern Next.js UI for the Pricing Engine.
* Refactored Salesforce Integration using NestJS for improved reliability.
* Developed the PE Credco API, generating credit reports within the Pricing Engine.
* Implemented the PE Nightly Cron & Scheduler, automating database operations.
* Explored DBT for Snowflake transformations & version control in a proof of concept.

**Transcat, Inc.** **Rochester, NY**

**Senior Software Engineer 04/2022-01/2023**

* Led a small team to deliver .NET Web APIs and a React app for lab equipment calibration.
* Integrated internal systems and improved legacy codebases, including a VB.NET system.
* Enhanced a Magento-based site in collaboration with external vendors.

**LeaseTrack, Inc.** **Latham, NY**

**Senior Software Engineer 06/2021-04/2022**

* Built Python + Textract ML tools to automate insurance document parsing.
* Developed a Java Spring Boot annotation system to streamline ML training.
* Delivered full lifecycle development, estimation, and deployment.

**Akmazio LLC** **Albany, NY**

**Senior Software Engineer 05/2020-05/2021**

* Led Agile sprints and dev team for a mobile networking platform.
* Built backend in C#/.NET with MS SQL; deployed to DigitalOcean with custom scripting.
* Supported pre-launch testing with 12+ industry users.

**Bestpass, Inc.** **Albany, NY**

**Software Engineer 09/2019-04/2020**

* Delivered a toll billing system and modernized legacy code using C# MVC and Knockout.js.
* Introduced automated unit tests to improve maintainability and coverage.

**New York State Insurance Fund** **Albany, NY**

**Software Engineer 03/2015-08/2019**

* Migrated legacy systems (VB6 to C# MVC), automated code workflows, and mentored junior devs.
* Refactored Oracle EDI systems and standardized engineering processes across teams.

**Town & Country Computer Services** **Schenectady, NY**

**Junior Software Engineer 07/2013-03/2015**

* Built web tools and services in C# ASP.NET for insurance quoting, rating, and reporting.

**EDUCATION & CERTIFICATES**

*Bachelor of Arts in Computer Science***,** Skidmore College, Saratoga Springs, NY (Graduated: 2012)

*Certified ScrumMaster***,** ScrumAlliance (Awarded: 2021)