Cody Hanson

Principal Engineer

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AI engineer with 8+ years shipping production systems. Currently building LLM agent systems for clinical research. Previously led engineering at an AI-first startup, growing it to six figures in ARR. Deep expertise in Python, distributed systems, and taking AI from prototype to production.

Experience

Principal Engineer *May 2026 — Present*

PicnicHealth Remote

• Building LLM agent systems for the next generation of clinical research

AI Engineer *Sept 2025 — May 2026*

PicnicHealth Remote

Head of Engineering *Oct 2024 — Sept 2025*

Arch Remote

• Led 5-person engineering team through pivot to AI-first data platform
• Shipped AI Analyst agent with Cubejs semantic layer, enabling natural language data visualization
• Architected LangGraph-based agent framework powering core product features
• Built autonomous agents on AWS Bedrock for data infrastructure management
• Grew company to first six figures in ARR

Engineering Manager *Sept 2023 — Oct 2024*

Arch Remote

• Architected new platform with FastAPI backend and NextJS frontend
• Built Kubernetes infrastructure for Meltano pipelines and dbt jobs
• Led SOC2 Type 2 compliance certification from kickoff to completion
• Shipped features while managing team—stayed in the code, not just meetings

Senior Software Engineer *Mar 2022 — Sept 2023*

Arch Remote

• Core contributor to Meltano open source data integration platform and Singer SDK
• Built initial Meltano Cloud platform from scratch using FastAPI, NextJS, and Pulumi

Education

University of Chicago

B.S. in Computer Science and Linguistics

2013 — 2017

• National Merit Scholar
• Odyssey Scholar

Skills

AI & NLP

LangGraph, AWS Bedrock, PydanticAI

Data

Dagster, Airflow, Meltano, Singer, dbt, PostgreSQL

Backend

Python, FastAPI, AWS, Kubernetes, Docker, Pulumi

Frontend

TypeScript, React, NextJS

Open Source

Meltano

Core contributor to open source data integration platform

Singer SDK

Primary maintainer, built taps for Socrata and ServiceTitan APIs

• Designed serverless infrastructure on AWS: Lambda, API Gateway, EventBridge, Cognito, RDS
• Instrumented customer data pipelines with DataDog for full observability

Senior Data Engineer *Mar 2020 — Mar 2022*

Sprout Social, Inc. Chicago, IL

• Owned data pipelines in Airflow and PySpark serving analytics for 30k+ customers
• Led migration from Redshift to Redshift Spectrum, cutting storage costs
• Standardized ETL pipelines across the org by introducing Meltano

Senior Data Engineer *Aug 2019 — Mar 2020*

Arrive Chicago, IL

• Owned data engineering roadmap and mentored 2 junior engineers
• Designed company-wide data architecture from scratch

DataOps Engineer *Apr 2018 — Aug 2019*

Arrive Chicago, IL

• Built 30+ production ETL pipelines in Airflow
• Created self-service data portal with Flask API and React frontend
• Designed data lake architecture on S3 and Redshift

Systems Engineer *Jul 2017 — Apr 2018*

PEAK6 Investments Chicago, IL

• Automated infrastructure provisioning for trading systems
• Built Python ETL tools for financial data processing