

Cody Hanson

Technical Leader

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Staff-level backend engineer with 7+ years building scalable distributed systems, APIs, and AI-powered platforms. Expert in modern Python, well-factored APIs, and modern cloud infrastructure. Proven track record of designing secure, high-performance systems while wearing many hats - from hands-on coding to customer calls - driving initiatives from concept to production.

Experience

Head of Engineering

Arch

Oct 2024 – present Remote

- Built and productionized an AI Analyst agent with Cubejs semantic layer for data visualization using Vega-Lite
- Prototyped initial AI features incorporating LangGraph into the stack
- Utilized AWS Bedrock to build autonomous agents for data infrastructure management

Engineering Manager

Arch

Sep 2023 – Oct 2024 Remote

- Led the team in architecture and development of the new Arch platform with FastAPI backend and NextJS frontend
- Contributed infrastructure for running Meltano pipelines and dbt jobs on Kubernetes
- Successfully led the company's SOC2 Type 2 compliance certification process
- Maintained significant code contributions while managing engineering team

Senior Software Engineer

Arch

Mar 2022 – Sep 2023 Remote

- Served as a primary contributor to the Meltano open source data integration platform and Singer SDK
- Built the initial Meltano Cloud platform using FastAPI, NextJS, and Pulumi
- Implemented infrastructure on AWS leveraging Lambda, API Gateway, EventBridge, Cognito, RDS
- Set up comprehensive monitoring with DataDog for observability of customer data pipelines

Senior Data Engineer

Sprout Social, Inc.

Mar 2020 – Mar 2022 Chicago, IL · Remote

- Built and maintained data pipelines in Airflow and PySpark
- Led a project to replatform data from Redshift to Redshift Spectrum
- Drove adoption of Meltano to standardize ETL pipelines

Senior Data Engineer / DataOps Engineer

Arrive

Apr 2018 – Mar 2020 Chicago, IL

- Built 30+ ETL pipelines in Airflow, self-service data portal (Flask/React), and S3/Redshift infrastructure

Objective

Seeking Staff Software Engineer role to leverage deep expertise in Python backend development, distributed systems, and API design. Thrive in fast-paced, collaborative environments where I can own initiatives end-to-end while partnering closely with product, customers, and fellow engineers.

Education

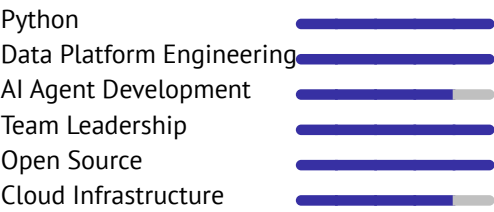
University of Chicago

2013 - 2017 Chicago, IL

B.A. in Linguistics and Computer Science

- Odyssey Scholar
- National Merit Scholar

Technical Expertise



Skills/Exposure

- Python • PostgreSQL • TypeScript • React
- AWS • Kubernetes • Dagster • Airflow • FastAPI • Snowflake • Docker • Security/
- SOC2 Compliance • LangGraph • PydanticAI
- AWS Bedrock

Methodology/Approach

- Agile • Infrastructure as Code • CI/CD • Remote-First Culture

Tools

- Dagster • Airflow • DataDog • Pulumi • GitHub • Meltano • Emacs • Claude Code