

Contact

samshulman6@gmail.com

www.linkedin.com/in/sam-shulman
(LinkedIn)
github.com/shulman33 (Other)
www.samjshulman.com/ (Portfolio)

Top Skills

Full-Stack Development
Software Architecture
Software Architectural Design

Languages

Hebrew (Professional Working)

Certifications

Programming with JavaScript
React Basics
Building Data Lakes on AWS
Workato Foundations Level 2
AWS Cloud Technical Essentials

Honors-Awards

Deans List
Second Place Hackathon Winner

Sam Shulman

Enterprise Architect at Healthfirst | I build things that make people's lives easier
United States

Summary

I'm an Enterprise Architect at Healthfirst, where I design AWS-based systems for healthcare data exchange - event-driven pipelines, FHIR APIs, the kind of infrastructure that moves terabytes of patient data for federal compliance without anyone noticing.

Day to day, that means a lot of AWS Step Functions, serverless architecture, and figuring out how to make healthcare systems actually talk to each other.

I can't stop building things on the side. Right now I'm working on MarketLinter, a market validation tool that orchestrates multiple LLMs to help indie devs validate startup ideas, and ResumeForge, which parses resumes into structured data and generates ATS-optimized versions for specific job postings. I also have an AI chatbot that talks to recruiters for me (you might be chatting with it) and a course registration system I built in college that 50% of the student body ended up using.

I want to work somewhere I can learn from engineers who are better than me and ship things that people actually use. Startups interest me because I like seeing what I build hit production fast.

When I'm not coding, I'm a Jets, Yankees, and Knicks fan. Yes, I know how to handle disappointment.

Open to connecting about architecture, healthcare tech, or interesting opportunities.

Experience

Healthfirst
Enterprise Solutions Architect
September 2025 - Present (5 months)

New York, New York, United States

Support healthcare interoperability initiatives by architecting AWS-based solutions that enable seamless data exchange across Healthfirst's complex organizational ecosystem. Maintain enterprise-wide visibility across 12 business verticals, mapping system dependencies and integration points to inform architectural decisions and ensure cohesive technology strategy.

- Design and implement cloud infrastructure on AWS to support FHIR standards and healthcare data interoperability workflows
- Evaluate cross-vertical system integrations and dependencies, providing architectural guidance to align technical implementations with enterprise standards
- Collaborate with healthcare interoperability team to architect scalable solutions for HL7 FHIR resources and healthcare data exchange
- Assess organizational technology landscape spanning multiple business units, identifying integration opportunities and potential architectural risks
- Partner with stakeholders across verticals to establish technology patterns and standards that enable interoperability while maintaining HIPAA compliance

AppHammer

Full Stack Engineer

January 2025 - Present (1 year 1 month)

- Developed backend APIs and managed data models using Django and Wagtail for a virtual vendor platform enabling remote product inquiries, effectively replacing traditional vendor fairs.
- Implemented an asynchronous email notification feature using AWS SES integrated with Django Tasks, streamlining communication between vendors and prospective clients.
- Engineered administrative dashboards for a security company's internal operations using React, TypeScript, and Refine, utilizing Antd UI components to enhance user management and permission workflows.

Cognizant

Software Engineer

June 2024 - August 2024 (3 months)

Teaneck, New Jersey, United States

- Partnered with a team of interns to develop comprehensive Power BI reports from petabytes of healthcare data, enabling insurance companies to enhance population health and boost revenue.

- Improved Power BI report visualization loading time by 80% through SQL query optimization, significantly boosting user experience and report efficiency.

SIDEARM Sports

Jr. Developer

April 2023 - October 2023 (7 months)

Syracuse, New York, United States

- Collaborated with a team of software engineers in an Agile environment, participating in daily stand-ups, sprint planning, and retrospective meetings to ensure project targets were met on schedule.
- Played a significant role in the complete overhaul of the company's CMS product, transitioning from a monolithic to a microservice-based architecture.
- Contributed extensively to the database redesign, consolidating 1,300 client-specific databases into a streamlined twelve database system, bolstering maintainability and scalability.
- Enhanced user experience on NCAA Tickets website by debugging and fixing a mobile device layout issue.
- Developed a search and filter feature for the UConn Huskies streaming and on-demand service, allowing users to efficiently locate specific videos by sport.

Katz School at Yeshiva University

Research Assistant

August 2022 - January 2023 (6 months)

New York City Metropolitan Area

Tasked with deploying microservice benchmarks and carrying out DDoS Attacks.

Education

Yeshiva University

Bachelor's degree, Computer Science · (January 2021 - May 2025)

Syracuse University

Information Technology · (2020 - 2021)

Rae Kushner Yeshiva High School

· (2015 - 2019)

