

Contact

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(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

AWS Cloud Technical Essentials

Architecting Solutions on AWS

Honors-Awards

Deans List

Second Place Hackathon Winner

Sam Shulman

Computer Science Student at Yeshiva University

Livingston, New Jersey, United States

Summary

As a motivated Computer Science student at Yeshiva University, I am passionate about using my skills and knowledge to develop innovative software solutions that positively impact people's lives. My enthusiasm for software engineering has driven me to explore a variety of programming languages, frameworks, and methodologies, allowing me to approach problem-solving creatively and flexibly. I am eager to learn, collaborate, and continuously refine my abilities as I work towards becoming a software engineer.

Experience

Healthfirst

Enterprise Solutions Architect

September 2025 - Present (3 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 (11 months)

- 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)