Sophie Katz

Senior Software Engineer

Contact

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Reykjavík, Iceland

github.com/sophie-katz

Soft Skills

SCRUM master

Project management

Technical writing

Education

Rutgers University, USA

BA in computer science, BS in math

2013-2017

References

Paul Gillen-Doobrajh
Engineering Manager at Aveva
+1 215-356-3603

Mark McCauley
Software Engineer at Susquehanna International Group
+1 610-716-6610

Languages

🇺🇸 **English** - native

🇮🇸 **Icelandic** - learning

🇯🇵 **Japanese** - conversational

Profile

Working manager with over 10 years of full stack experience. Expertise in a wide variety of technologies. Strong communicator with customer-facing experience.

Technical Skills

Backend development

Years of professional experience in Node.JS, C/C++, and Rust building APIs and big data pipelines.

Frontend development

Experienced in React, Vue, Svelte, Typescript. Experience working with Figma designs.

Deep learning

Comfortable building AI integrations and custom ML and DL models. Experience with building classifiers, RL agents, and large language models.

Kubernetes and AWS

Professional experience managing Kubernetes, Helm, and Flux running in AWS.

Databases

Oracle, SQL Server, PostgreSQL, MongoDB, REDIS.

Languages

Python, Java, C/C++, Typescript, Rust, C#

Recent Work Experience

Proscia   2021-Present
USA

Senior Software Engineer

Working manager with a team of three others, leading development of a high-performance and company-critical system. Built strong relationships with teams across the company and directly with customers.

Susquehanna International Group   2017-2021
USA

Full Stack Software Developer

Built new products from scratch and maintained existing C# and web products in complex ecosystem. Coordinated closely with clients and developers from a variety of teams as well as outside the company.

Rutgers University   2016-2017
USA

University Research Assistant

Implemented and experimented with various algorithms to extend program verification methods using the Microsoft Z3 theorem prover, working closely with Prof. Santosh Nagarakatte.

Abbott Point of Care   2014-2015
USA

Software Engineer

Led development of C# desktop client for embedded system, coordinating with large engineering team. Additionally worked on C++ code running on the system.