

RISH SHADRA

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PROFILE

Hi! I'm Rish. I'm passionate about building great products, shipping them often, and learning new things in the process. I'm currently a staff engineer and tech lead on the Workplace Software team at Verkada. My current role lets me work closely with our product, design, and frontend teams to build things that make our customers' lives easier and their spaces safer.

EXPERIENCE

Verkada

June 2020 - Present

Staff Software Engineer — Backend Tech Lead

- Designed and implemented Verkada Guest's new Form Builder experience, and migrated all of our legacy users to it. Form Builder provides a smoother check-in process to visitors while making our codebase more modular and maintainable.
- Led backend development of Verkada Guest for Healthcare, our visitor management solution for the healthcare industry. This project involved working closely with a design partner who would go on to become our first healthcare customer.
- Worked closely with our engineering operations team to create peer recognition programs and other engineering and company-wide initiatives.

Circuit-Lab

January 2018 - June 2020

Lead Software Developer

- Solely responsible for the maintenance and development of our STEM education software, allowing students in the second grade and up to write embedded software for Arduino boards with an intuitive block-based interface.
- Reverse-engineered the communication protocols of several off-the-shelf products in order to integrate them with our offline-only environment.
- Designed a cross-platform Qt application that enabled at-home learners to easily compile and upload their Arduino code to boards plugged into their home computers.

RELEVANT SKILLS

Languages

Python, Go, SQL

Infrastructure & DevOps

Terraform, AWS, Docker, k8s

Frameworks

Flask, SQLAlchemy, Pydantic

Other

Git, Kafka

EDUCATION

Rensselaer Polytechnic Institute

Majors: Computer Systems Engineering, Computer Science

Graduation: May 2020

Extracurriculars: Software Lead @ Forge Makerspace, Mentor @ Embedded Hardware Club