

[rishikothari]

I'm a full-stack, open-source software engineer that helps organizations achieve their goals using cutting-edge technologies. I'm looking to apply my skills to forward-thinking companies.

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rki.now.sh

GitHub

Linkedin

[skills]

UI/UX Design, Software Architecture, Databases, Iteration, DevOps, Vertical/Horizontal scaling, Integration Tests

Technologies

Git/Github, Github Actions, CircleCI, Jenkins, Bolt, Express/NestJS, JS/TS, React.js, Postgres, GraphQL, Styled-n, Theme UI, MDX, Next.js, Firebase, AWS, GCP Compute, Vercel, Heroku

Analytics

Google Analytics, HotJar, Amplitude, Umami

Design

Figma, Zeplin, Sketch, InVision

[formal education]

Turner Fenton • IB Diploma '23

Math Club, DECA (Entrepreneurship & Financial clusters), FBLA, HOSA, Hack Club, TedX TFSS

[selected work experience]

Makasu • Web Dev Internship

September 2020 - Present

Maintaining the Makasu platform for our early-stage customers, building infrastructure in Ruby and Sorbet on AWS and frontend features in React, Redux and Typescript.

Proposed and implemented shift from CSS Modules to Styled-System and an atom-based cache system.

PetCode • Senior Software Architect

June 2020 - Present

Implemented E2E encrypted, horizontally-scaling backend using Kubernetes, Postgres, GraphQL and 98% test coverage suites running on GCP and AWS EKS servers.

I oversee 5 full-time software engineers, and am in charge of all technological affairs on the frontend and backend side.

Turner Fenton Hack Club • Co-President

June 2020 - Present

At Hack Club, I'm currently writing open-source infrastructure in Typescript for our global club network of more than 600.

I also present programming concepts at our school's chapter (one of the largest in Canada), and help organize and host events on the international stage.

Team Study • Mobile Dev Internship

June 2019 - September 2019

Corresponded directly with CEO and product team to prototype, design and ship the native Team Study iOS app using the newly-announced SwiftUI framework.

Used Agile methodologies, set up continuous integration principles.

[project spotlight]

Paevik • Node, Bolt, PostgreSQL, Typescript

Minimal journal bot for Hack Club. Implemented custom encryption engine and serverless microservices architecture on Vercel and Heroku. 200+ entries in first 2 weeks of launch.

Duino • Node, Bolt, Firebase, Docker, Github Actions (WIP)

A fully-featured admin interface for running school clubs. Interfaces with pluggable backends (coded a custom local API engine for using any realtime CRUD system). Testing system uses Firebase on GCP.

[selected awards]

Davis Technology Award • June 2019

The most competitive merit-based award at graduation, this award is given to the most technologically advanced student in the school

Project Aqua Honorarium • April 2020

A private fellowship run by the local organization Tech under 20, this program gives funding and mentorship to 4 high school and university students from across the country. I was selected to contribute to the Exercism project.