

## Rishi Kothari

I am a full-stack open-source startup software engineer and product manager, currently working at PetCode Inc. as a Senior Software Architect. I help companies and individuals achieve their technical goals using cutting-edge frameworks and languages.

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[rki.now.sh](https://rki.now.sh)

[GitHub](#)

[API](#)

## Skills

**UI/UX Design, Software Architecture, Databases, Frontend Design, Iteration, DevOps, Vertical/Horizontal scaling, Market Identification**

## Tools

### Software

Git/Github, VS Code, JetBrains IDEs, Github Actions, CircleCI, Travis, Jenkins

### Analytics

Google Analytics, HotJar, Amplitude

### Design

Figma, Zeplin, Sketch, InVision, MarvelApp, ProtoPie

## Education

**Turner Fenton SS • IB Diploma**  
2019 - Present

## Selected Experiences

### 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.

### Makasu • Internship

September 2020 - Present

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

### 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. I also present programming concepts at our school's chapter, and help organize events on the international stage.

### Team Study • 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.

## Side 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

Club bot for Hack Club. Interfaces with pluggable backends (built a custom local API engine for using any realtime CRUD system). Testing system uses Firebase on GCP.

### Hoot • Deno

A small school tracking CLI for staying organized. Local database uses SQLite & full-featured YAML parsing systems.