

Overview

I'm a full stack SE, however I prefer backend/DevOps. My studies focused on embedded systems, computer security, and real-time and distributed systems. I have startup and enterprise experience.

Driving Principles

1. **Maintainable**: avoid complexity, duplication
2. **Reliable**: repeatable, testable, containerized
3. **Flexible**: refactor when necessary, avoid vendor lock-in

Objective

I want to use Go in a production environment. I want to work with people who are passionate and who are willing to both teach and learn.

Education

Rochester Institute of Technology (RIT)
Rochester, NY
B.S in Software Engineering, 2018

Languages (used recently, ordered by proficiency)

Python, Go, Typescript, C#, Bash, SQL

Technologies (to name a few)

Docker, Django, React, Postgres, Redis, Websockets, NLP, Linux, Linode, AWS

OpenChart ([GitHub](#), [try it out](#))

OpenChart is a project I started in April 2020. It began as a cross platform .NET app, but was ported to be a React web app in March 2021. It's a rhythm game editor that runs in your browser and requires zero server connection. The editor is hosted on Linode and uses Docker Swarm to do continuous deployments ([workflow](#)).

Work Experience

[REDACTED] *Sr. Software Engineer, Nov. 2020 to Present* *remote*

- Refactored backend infrastructure, transitioned everything to Docker
- Increased productivity by creating internal tools for the team to manage environments, testing
- Screened and interviewed several candidates for hiring

[REDACTED] *Software Engineer, Nov. 2019 to Nov. 2020* *remote*

- Started and worked on several Django projects
- Responsible for managing servers and databases through AWS
- Implemented e-commerce, geo tracking, internal tooling, data scraping

[REDACTED] *DevOps Engineer, Apr. 2019 to Oct. 2019*

- Designed and tested moving the entire stack to Docker
- Heavily optimized many SQL queries

[REDACTED] *Software Engineer, Aug. 2016 to Oct. 2018*

- Lead a team of four engineers
- Designed a unique real-time workflow combining live chat, NLP, and over a dozen third party APIs
- Transitioned system from Elixir to Python with a full rebuild, improving development speed and hiring efforts
- Managed all DevOps in AWS