

Motivated self-learner who believes that working with multi-disciplinary teams engineers better software solutions. Passionate about distributed back-end system design and application development. Currently seeking a role relating to back-end application development and/or cloud infrastructure.

Skill and interest areas include:

- Microservice Design and Implementation
- Building Diverse Teams around CI/CD Processes
- Cloud Infrastructure Configuration and Development
- Cross-Team communication and coordination

Education

M.S. Software Engineering, Rochester Institute of Technology, May 2022

B.S. Software Engineering, Rochester Institute of Technology, May 2021

Skills

Primary Languages: Go, Python, Bash

Additional Languages: Java, Groovy, Javascript

Technologies: DynamoDb, SQS, SNS, S3, Kubernetes (EKS), EC2, Jenkins, Gitlab CI, Terraform, Pytest

Additional Skills: Technical Communication, Project Management, Understanding of Agile Methodologies

Experience

Cloud Software Engineer, Deka Research & Development, August 2022 – Present

Individual Contributor on various teams relating to cloud development. Primarily responsible for helping to develop and maintain a IoT data platform for use by teams developing Medical Device SaaS solutions

- Led Design and Development of a Service that wraps S3 storage functionality for IoT device file upload and download management
- Assisted in the migration of services deployed to ECS to deploy to an EKS Kubernetes Cluster
- Provided support to internal customers making use of various services developed by the PaaS team and helped with integration and troubleshooting
- Lead a team of engineers on a Testing push ahead of product released
- Provided day-to-day input on design decisions
- Day-to-day maintenance, bug fixing, and feature development for PaaS platform and down-stream client services as needed

Software Engineering Co-op, Neustar, September – December 2019, September – December 2019, May – August 2021

Full-Stack engineer on a team of globally located engineers working on a variety of projects relating to a customer-facing system that supports customer relations.

- Using a set of aggregated data from Neustar's various systems, tasked with implementing necessary back-end and front-end components for an interface to view and interact with the data
- Worked with various engineers, product managers, and UI designers to fully understand the existing system, detailed requirements, and the desired interface
- Resulting interface in testing and set to be released for use by a significant portion of the client base

Software Engineering Co-op, Covetrus, May – August 2019

Full-Stack engineer responsible for the development of an internal tool intended for use by on-call engineers to troubleshoot problems in production systems

- Implemented an entity viewer that formats and displays information from a SQL Database
- Implemented a tool for sending and receiving messages to/from various SQS queues