
Experience

AvaSure Software Engineer - Grand Rapids, MI

2021 - Present

- Design new features given requirements from software architects and product management
- Maintain a highly available on-prem telehealth product that helps save lives
- Triage and diagnose customer issues on a rotating business support team
- Modernized streaming architecture by migrating RTSP streams to WebRTC
- Opened the AvaSure ecosystem to third parties by implementing several OAuth flows
- Enabled a SaaS offering by necessary refactorings to support installs behind public reverse proxies
- Built new integrations with EPIC (CAL, eCAL)
- Hardened application security by upgrading dependencies with known vulnerabilities

Camp Fitch YMCA Senior Tech Focus Counselor - North Springfield, Pennsylvania **2013 - Present**

- Taught a programming language to an assigned 2-3 children throughout a 1 week course
- Guided more advanced students staying a second week making more complex projects, some in bigger groups
- Customized existing curricula to better fit campers' shown progress
- Continually learn about new technologies to help keep the program competitive
- Monitored campers' balance between learning and fun, ensuring they take breaks when needed
- Mentored newer counselors to help them feel more comfortable both being at camp and teaching kids technology they might not be familiar with
- Modeled good behavior for younger impressionable campers

PartsSource Associate Software Engineer - Aurora, Ohio

2019 - 2021

- Continuously improved an eCommerce platform facilitating the sale of medical supplies, handling thousands of orders and millions of dollars of revenue every week
- Created a single sign on experience for the eCommerce platform that integrated with several external services with both JWT and SAML
- Encouraged leadership to add automated tests and linting where possible to increase team velocity
- Maintained productivity in an environment of frequently changing priorities and requirements

Projects

Personal Website My personal website

My website and resume are generated using Gatsby, Bulma, `react-pdf`, and Contentful.

Homelab Configuration Ansible role to configure fresh VMs

This is an Ansible playbook and Packer files to configure all of my homelab infrastructure.

Homelab Chart A Helm chart of containers I self host

In an effort to keep my Ansible roles debloated, I've extracted all of the containers I host into this Helm chart.

Homelab Provisioner Manage homelab resource provisioning with OpenTofu

These are OpenTofu files that can provision my GCP project, DNS records, and Proxmox VMs

Education
