
— Work —

Senior Software Developer

2021-Current

Voltus, Inc.

Backend development across python and golang microservices. Acted as tech lead in project scoping all the way to implementation and maintenance improvements. Contribution highlights include:

- Built javascript network client to sanitize customer data for live sales demos of the web platform
- Established and scaled email integration systems for Hubspot and Amazon SES that enabled observability and guaranteed single send of over 25,000 emails per month
- Collaborated on UX improvements for utility bill data parsing, transitioning team off reliance on manual processing of 4000 rows of spreadsheet data and brought structured data into the platform
- Designed the process for and led over 40 technical and behavioral interviews
- Authored an API style guide for the entire engineering organization
- Spent extensive time learning and incorporating the structures and details of North American energy markets into the core data model

Software Engineer II

2018-2021

NGINX @ F5 Networks

Backend and API development for traffic services, application health monitoring, and auth on the NGINX controller team. Additionally led the Women in Tech resource group for the Colorado office.

Software Development Intern

2017

Tyler Technologies

Full stack Java and Javascript development on the Eagle Recorder product.

Novel Technologies Researcher

2016-2018

CU Boulder IRoN Lab

Received a UROP grant and later expanded into a senior thesis a project to conduct unsupervised learning on motion sensor datasets and build an AI driven co-creation system for improvised dance.

Circus Performer

2015-Current

Freelance

— Projects —

“Buddy”

2022

Make a Wish Foundation & Elizabeth Seton Children's Center

Volunteer developer on the user research and POC implementation of an android app that utilizes face and gaze tracking to create an entertainment and gaming experience for a severely disabled child.

Beer Quest

2021

Rainbow Militia & Illfoominati

Created a Unity based interactive motion sensing game for an immersive fantasy-circus-beer experience on the 16th street walking mall of Denver, which hosted thousands of guests over 3 weeks.

— Education —

Georgia Institute of Technology

2024

Master of Science in Computer Science, Interactive Intelligence specialization

University of Colorado Boulder

2018

Bachelor of Science in Computer Science

— Languages and Technologies —

| | | |
|----------|--------------|---------|
| → Go | → Docker | → Flask |
| → Python | → Kubernetes | → Goa |
| → Java | → Nomad | → SQL |