

Jacob S. Tripp

Software Engineer, DevOps, Site Reliability

Summary

I continually develop engineering and customer service skills to build upon my diverse skill set. My desire to constantly improve and learn new methods and technologies blends perfectly with my intense self-motivation, which leads to dynamic problem-solving capabilities. I can always be relied on to help solve production problems during the night or to help answer questions during the day.

Experience

Systems Engineer IV [Facebook\(Meta\)](#) January 2021 - July 2022

Provided a virtualization platform for internal customers to deploy their services. Programmed daily in **Python** and used tools like **Bazel**, **Mercurial**, and **Thrift**. I led others to better engineering practices and developed a declarative virtualization management system to abstract most of the deployment process.

Co-Founder [Modern Derma](#) September 2019 - September 2020

Co-founded a skincare company that used **Machine-Learning** to formulate products. I was in charge of all the engineering aspects. The platform was built on **AWS** and utilized **Docker** build images and deployed as **Lambda** functions.

DevOps Engineer III [SendGrid\(Twilio\)](#) Jan 2017 - September 2019

As part of the Operations Engineering team, I helped build our on-prem and cloud platforms. Using **Go** and building on tools like **Chef**, **Terraform**, and **Kubernetes**, our team expanded our compute platform by 50% with 99.999% availability during the critical IPO timeframe. We also created **CI/CD** solutions using **Buildkite** and **Jenkins**. As part of the Special Operations team, I helped troubleshoot problems with **Kafka**, **Redis**, and many more technologies.

Linux Administrator [Pet Door Pro](#) 2010-2016

I developed a deep understanding of **Linux** while helping with various technical needs. Proficient use of **BASH** helped to automate many tasks.

Education

Computer Science [MSU Denver](#)

Certified Linux Administrator [Linux Foundation](#)

Continued Education [Edx.org](#)

I'm always taking classes to sharpen my math and computer skills and explore other interests.

Volunteer

Technologist [Denver Public Library](#)

I helped teach people computer skills like **Spreadsheets**, **Word Documents**, and internet usage.

Model Designer [Covid Makers](#)


Received a medal for helping to develop an ABS face mask that could be 3D printed and donated to hospitals.

 Location
Denver, CO


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 GitHub
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 Key Attributes

- + Great Communicator
- + Fast Learner
- + Math Skills
- + Empathetic Team Member
- + Great at using Search Engines

 Hobbies

- + Electronics
- + Chess
- + Dispersed Camping
- + Hockey
- + Board Games
- + Brewing
- + 3D printing
- + LEGOs