Justin Helfman

Denver, CO | 440-465-9588 | justinbhelfman@gmail.com | jbhelf.github.io/ | linkedin.com/in/justin-b-helfman

Summary

Software Engineer with a strong foundation in cloud infrastructure and a passion for customer-facing problem solving. Experienced in leading technical demos, communicating value to stakeholders, and supporting delivery of secure, scalable solutions. Eager to bring an SE mindset into a customer-focused role.

Skills & Certifications

Python, Flask, Django, Node.js, SQL, AWS, Azure, GCP, Linux, Bash, PowerShell, Git, Jenkins, Ansible, Datadog, Wiz, Jira, GitHub Actions

AWS Certified Developer - Associate | Azure Fundamentals

Experience

Pratt & Whitney
Software Engineer — Jun 2023 - Jan 2025 — Denver, CO

- Audited on-prem and cloud servers (AWS & Azure), uncovering $1.9M in idle assets and strengthening security posture.
- Mapped 150+ software tools; resolved 76% with ownership gaps by presenting action plans to directors.
- Built Python/Django KPI dashboard adopted org-wide, saving directors 30+ hrs/quarter in manual reporting.
- Migrated DevSecOps to AWS GovCloud with zero downtime, boosting compliance for classified programs.
- Led sprint reviews and demos for DoD customers, tracking 30+ features and syncing priorities with engineers.
- Built ETL pipeline to ingest IBM DOORS data into PostgreSQL, improving reporting and cross-team collaboration.

BarrelSense
Site Reliability Engineering Consultant — Feb 2023 – Jun 2023 — Denver, CO

- Designed Azure cloud architecture for MVP, enabling first pilot customer rollout and team testing workflows.
- Aligned MVP features with feedback from product leads, investors, and prospective customers and partners.

Alteryx
Site Reliability Engineer — Jul 2022 – Jan 2023 — Denver, CO

- Collaborated with Customer Success to triage bugs, fix outages, and resolve 100% of critical issues raised.
- Tuned GCP observability in Datadog to reduce false alerts and minimize fatigue for the on-call engineering team.
- Led Agile rollout across the team, aligning engineering efforts with business priorities and boosting velocity.

Alteryx
DevOps Intern — May 2021 – Aug 2021 — Denver, CO

- Reduced CI/CD pipeline time by 75% (6 hours) through Ansible-based automation of AWS image builds.

Eaton Corporation
Software Engineer Intern — Jun - Aug 2020 / Jan - Apr 2021 — Remote

- Built automation scripts for circuit breaker testing, reducing manual QA and boosting firmware reliability.
- Developed a CI/CD pipeline with VMware & Jenkins, saving 2,000+ engineering hours annually.

Education

Purdue University,
B.S. Computer Engineering | Entrepreneurship & Innovation Certificate — Aug 2018 - May 2022

Volunteering

VocaliD

- Collaborated with researchers to test and refine speech synthesis pipelines for inclusive voice generation.

Friendship Circle

- Supported a child with special needs through weekly recreational activities in a collaborative, peer-led volunteer program.
- Collaborated with peers on the leadership board to plan events aligned with program goals and community values.