

Justin Helfman

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

SKILLS & CERTIFICATIONS

Programming & Scripting Languages	Cloud & Infrastructure	DevOps & Automation	Monitoring, Security & Data	Certifications
Python • C • SQL • PostgreSQL • MySQL • Microsoft SQL Server • Bash • Powershell • Node.js • HTML • CSS • XML/XSL	Amazon Web Services (AWS) • Azure • Google Cloud Platform (GCP) • GovCloud • Linux/Unix • Docker • Kubernetes • Ansible • Hybrid Cloud Architecture	Continuous Integration Continuous Delivery/Deployment (CI/CD) • Jenkins • Git • GitHub • GitLab • GitHub Actions • GitLab CI/CD	Datadog • Wiz • IBM DOORS • Flask • Django • Extract, Transform, Load (ETL) • Cybersecurity Posture Management	AWS Certified Developer - Associate • Azure Fundamentals

EXPERIENCE

Pratt & Whitney Software Engineer	Jun 2023 - Jan 2025 Denver, CO
<ul style="list-style-type: none">Audited hybrid cloud infrastructure (AWS & Azure), uncovering \$1.9M in idle assets and improving cybersecurity 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+ hours/quarter in manual reporting.Migrated DevSecOps to AWS GovCloud with zero downtime, boosting secure cloud 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
<ul style="list-style-type: none">Designed and delivered Azure cloud-native MVP architecture, launching first pilot customer and 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
<ul style="list-style-type: none">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 transformation across the team, aligning engineering efforts with business priorities and boosting velocity.	
Alteryx DevOps Intern	May 2021 – Aug 2021 Denver, CO
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Built automation scripts for circuit breaker testing, reducing manual QA and boosting firmware reliability.Developed an automated 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
--	----------------------------

PROJECTS

SmartTrails AI
<ul style="list-style-type: none">Built TensorFlow models to predict hike times using distance, elevation, climbing grade, and GPS data.Developing an NLP model to recommend hiking/camping trips based on drive range, weather, duration, and permit availability.

VOLUNTEERING

VocaliD
<ul style="list-style-type: none">Collaborated with researchers to test and refine speech synthesis pipelines for inclusive voice generation.
Friendship Circle
<ul style="list-style-type: none">Supported children with special needs and co-led peer-driven event planning to promote inclusion and community.