



Connor Denman

Denver, CO

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<http://connordenman.com>

OVERVIEW

Software Engineer specializing in Cloud, Backend, Data, and DevOps. Passionate about scalable, reliable, and maintainable architecture and infrastructure. Avid skier, cyclist, and motorsports enthusiast.

SKILLS

- **Public Cloud**
 - Amazon Web Services-- EC2, RDS, VPC, S3, CloudFront
 - Google Cloud Platform-- Dataflow, PubSub, Cloud Storage, Compute Engine, Kubernetes Engine, App Engine, Cloud SQL, BigQuery, BigTable, Stackdriver, Cloud CDN, Memorystore, Cloud Run, Cloud Functions, Composer, IoT Core
- **Automation/Containerization/Orchestration**
 - Jenkins, Docker, Kubernetes, Helm, GitLabCI, Ansible, Terraform, Airflow, Celery
- **Databases/Data Warehouses/Message Brokers**
 - MySQL, Influx, PostgreSQL, TimescaleDB, BigTable, BigQuery, Redis, RabbitMQ, MQTT
- **Languages/Frameworks**
 - Python/Flask/FastAPI, SQL/DBT, Bash, Typescript/React/Angular, PHP, Ruby/Rails, Golang, Javascript/jQuery, Objective-C

EXPERIENCE

Technical Advisor, ProsocialAI (<https://www.prosocial.ai/>)

Remote / Los Altos, CA — February 2022-Present

- Advise the founder on technical strategy
- Design and build cloud infrastructure for MVP launch

Engineering Manager - Cloud, AMP Robotics

Louisville, CO — July 2022-Present

- Lead a team of Software and DevOps Engineers responsible for cloud infrastructure, data platforms, and web applications.
- Devise and communicate technical vision and strategy.
- Collaborate with many stakeholders to gather requirements, understand impact, design, prioritize, and execute.
- Hire and onboard engineers.

Senior Software Engineer - Cloud, AMP Robotics

Louisville, CO — February 2019-July 2022

- Design and implement data infrastructure for robotics observability.
- Deploy cloud microservice architecture with Google Cloud Platform, Helm, Kubernetes, and Docker.
- Automate test, build, and deployment pipelines with GitlabCI.
- Develop REST and GraphQL APIs with Python and Flask/FastAPI.
- Maintain data warehouse and database infrastructure with high availability for multiple software stacks. (BigQuery, Cloud SQL, Redis, Influx, TimescaleDB)
- Implement developer tools and processes to enable fast delivery of high-quality software.
- Interview, hire, and onboard other software engineers and DevOps engineers.
- Develop on Angular/Typescript frontends as necessary.

Lead Engineer, Only Sky (formerly Snowvation)

Denver, CO — April 2018-December 2018

- Facilitated scrum processes with developers and product management.
- Planned and implemented new functionality with clean architecture in mind using Python3, Flask, Celery, MySQL, jQuery, and Bootstrap.
- Configured developer tools with Docker and Docker-Compose.
- Built Jenkins pipelines using Groovy.
- Managed Kubernetes configuration and deployment.

- Administered MySQL on Google Cloud with monitoring through Stack Driver, scheduled backups, and high availability.

Full Stack Developer, Health Sqyre

Denver, CO — February 2017-April 2018

- Principal full-time developer in charge of building out the product and infrastructure.
 - Stack: Python3, Flask, PHP, Magento, Memcached, MySQL, jQuery, React JS
- Delivered mission-critical software components including:
 - A secure, HIPAA-compliant REST API to provide health insurance information and dynamic pricing for durable medical equipment sold through the ecommerce platform.
 - Front-facing ecommerce functionality to support the sale of equipment through patients' health insurance.
 - Administration portals used to fulfill orders and assist in the insurance claims process.
- Configured load balancing, production and staging environment Linux servers hosting PHP/Magento, Python3/Flask, Memcached, and Jenkins on AWS EC2.
- Built HIPAA-compliant security rules on Linux filesystems and firewalls.
- Scripted deployment pipelines with Python3, Bash, and Groovy.
 - Automated testing and deployment with Selenium and Jenkins.
- Configured production MySQL on AWS RDS with high availability.
- Set up monitoring and notifications with DataDog and VictorOps.

Software Engineer, B&B Automation and Manufacturing

Albuquerque, NM — March 2016-February 2017

- Principal engineer in charge of planning, designing, and developing software for controlling a capacitor manufacturing machine.
- Developed logic for controlling the electronics on Arduino.
- Built a cross-platform graphical user interface in Python3 and QT.

AWARDS

UNM Business Plan Competition, 1st Place Winner

Albuquerque, NM — 2014

- Competed in a "Shark Tank" style pitch competition against 5 other teams in the Technology Ventures track and won the first-place grant of \$25,000.

EDUCATION

University of New Mexico

B.S., Computer Science — 2012-2016

- Minors in Mathematics and Business Management.