Diego Fuentes

AI Platform Engineer

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SUMMARY

AI Platform Engineer with 6 years in DevOps and cloud infrastructure, the last 3 running the shared platform that hosts LLM and ML workloads for 14 product teams. Builds Kubernetes, Terraform and AWS foundations with tight IAM controls so engineers ship AI features safely and quickly.

SKILLS

- **Python**
- **Terraform**
- **AWS**
- **Kubernetes**
- **Docker**
- **IAM**
- **GitHub Actions**
- **Observability**
- **Vector Databases**
- **MLOps**

EXPERIENCE

AI Platform Engineer

04/2023 - Present

Front Range Energy Software

Denver, CO

Grid analytics and billing software for 90 electric and gas utilities.

- Operate the internal AI platform on AWS and Kubernetes, serving **14** teams and 60 model endpoints at 99.95% availability.
- Build GPU clusters, vector databases and model gateways as Terraform modules, cutting new-environment setup from 2 weeks to 1 day.
- Enforce IAM least-privilege roles and audit logging on every LLM call to pass SOC 2 and data privacy reviews.
- Implement observability with Prometheus, Grafana and LangSmith traces, reducing incident resolution time from 3 hours to 40 minutes.

DevOps Engineer

07/2020 - 03/2023

Mile High Payments

Denver, CO

Payment processing company for 6,000 small and mid-size merchants.

- Migrated 40 payment microservices to Docker containers on Kubernetes with zero customer-facing downtime.
- Wrote GitHub Actions pipelines and Python release tooling that took deploy time from 45 minutes to 12.
- Automated MLOps for the fraud model with scheduled retraining and canary releases across 3 model versions.

EDUCATION

Bachelor of Science

Colorado School of Mines

Computer Science

Golden, CO

05/2020

CERTIFICATES

AWS Certified Solutions Architect - Associate 09/2022

Amazon Web Services

Certified Kubernetes Administrator (CKA) 05/2024

Cloud Native Computing Foundation