

Jordan Kail

Data Engineer

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🌐 <https://www.jordan-kail.com/>

📍 Flexible on Location - Currently Denver, CO

EXPERIENCE

Staff Data Engineer

Aptos Labs

📅 11/2022 - 02/2023 📍 Remote, USA

- First Data Engineer - Architected, planned, and implemented analytics data foundation and tooling on GCP. (Airflow, AloyDB, BigQuery, Looker)
- Collaborated directly with internal and external executive level stakeholders and vendors.
- Designed and implemented 250 product metrics via ~60 pipelines and 50+ relational and non-relational data artifacts.

Senior Data Engineer

Meta (Facebook)

📅 01/2021 - 09/2022 📍 Remote, USA

- Lead data engineer for Facebook Public Groups and Community Chats.
- Developed programmatically generated data pipeline framework, replacing 125+ manually maintained metric pipelines. Yielding ~66% compute and ~33% storage improvements over previous implementation.
- Re-architected multiple petabyte scale data models across Facebook Groups product teams saving 25% of the cost of storage.

Senior Consultant - Advanced Analytics

Deloitte (Healthcare & Social Media)

📅 12/2018 - 12/2020 📍 Remote, USA

- Managed a pod of 14 data engineering practitioners during multiple high profile client engagements.
- Automated ~31% of previously manually processed healthcare claims saving an estimated 250,000+ human hours annually.
- Enhanced exabyte scale video reliability metrics calculation reducing daily run time by ~150% while increasing number of metrics calculated.

Lead Data Scientist

Wide Open West

📅 11/2017 - 12/2018 📍 Denver, CO

- First data scientist, responsible for developing machine learning applications and managing 5 person data analytics team. Yielding ~22% increase in services upgrades year over year.

Data Engineer - Business Intelligence

Catholic Health Initiatives

📅 09/2016 - 11/2017 📍 Denver, CO

- Architected HIPPA compliant vendor data lake solution replacing REST APIs and file transfer reducing time to obtain data from 7 days to 1 day.

Backend Software Engineer - Data

AcuStream (Acquired by CloudMed & R1)

📅 04/2013 - 09/2016 📍 Boulder, CO

- Developed machine learning algorithms for client contingent invoicing system which processed over \$300 million in annual revenue.

TECH SKILLS

Python

FastAPI, Flask, Pandas, Django, ChatGPT, BeautifulSoup, Pyspark, Boto3, NumPy, SciKit

SQL

PostgreSQL, Presto, Spark, Hive, Redshift, MySQL

Big Data, NoSQL, & Tools

Airflow, Teraform, Kafka, Chron, DBT, Kubernetes, DynamoDB, GraphQL, Solidity, ChatGPT

Amazon Web Services (AWS)

EC2, ELB, EKS, S3, Redshift, Glue, Pipeline, SageMaker, Lamda, RDS, Kinesis Firehose

Google Cloud Platform (GCP)

BigQuery, Compute Engine, Dataflow, AutoML

Data Visualization

Looker, Tableau, Looker, Superset, ReDash

Rust

Tokio, Serde, SqlX, Reqwest, Polars, Rocket, YEW

Web Development

Typescript, Node.js, HTML, Tailwind, PHP/Hack

NERDY ACHIEVEMENTS



TechCrunch - "Join Group via QR"

Used by millions of users daily. Pitched, designed, and implemented the functionality to enable Facebook group admins to invite users to their groups by generating a QR Code. Featured on [TechCrunch](#) and received internal awards.



Developed "pointup.io"

A website for "All of your loyalty points in one place", powered by django and a selenium webdriver bot in AWS via elastic beanstalk, lambda, and s3. Currently in alpha. <https://www.pointup.io/>



Algorithmic Crypto Trading Project

(Before it was cool) Created crypto trading algorithm via scraped crypto, NASDAQ, and CPME rare minerals data. On AWS Sage maker via BOTO3, django, pandas, and beautiful soup. github.com/jckail/lit_crypto