

Jordan Kail

Software Engineer

📞 571-218-5000

🌐 <https://github.com/jckail>

@ jckail13@gmail.com

📍 Open to relocation - Denver, CO

🌐 <https://www.jordan-kail.com/>

EXPERIENCE

Staff Software Engineer - Data Platform

Prove Identity

📅 06/2023 - Present 📍 Denver, CO

- First Data Platform Engineer - Saved over \$10 Million in annual vendor fees by implementing vector + graph database solution.
- Implemented custom GO + Kafka-based data streaming client decreasing time to revenue from 30 days to seconds.

Staff Data Engineer

Aptos Labs

📅 11/2022 - 02/2023 📍 Remote, USA

- First Data Engineer - Architected, and implemented analytics data foundation and tooling on GCP. (Airflow, Spark, BigQuery, Looker)

Senior Data Engineer

Meta (Facebook)

📅 01/2021 - 09/2022 📍 Remote, USA

- Lead Data Engineer of Facebook Public Groups and Community Chats.
- Developed programmatically generated data pipeline framework yielding ~66% compute and ~33% storage improvements.
- Re-architected multiple petabyte scale data models across Facebook Groups product teams saving 25% of the cost of storage.

Consultant - AI & Advanced Analytics

Deloitte (Healthcare & Social Media)

📅 12/2018 - 12/2020 📍 Remote, USA

- Pod Lead (14 practitioners) over multiple 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 - developed machine learning applications. Yielding ~22% increase in services upgrades year over year.

Data Engineer - Business Intelligence

Catholic Health Initiatives

📅 09/2016 - 11/2017 📍 Denver, CO

- Designed and Implemented modern HIPPA compliant vendor data lake reducing time to obtain data from 7 days to 1 hour.

Backend Software Engineer - Data

AcuStream (Acquired by CloudMed & R1)

📅 04/2013 - 09/2016 📍 Boulder, CO

- Architected machine learning driven contingent invoicing system processing over \$300 million in annual reoccurring revenue.

TECH SKILLS

Programming

Python, JavaScript, Rust, PHP, GO, C++, Java

Big Data

SQL, Spark, GraphQL, Airflow, Beam, Kafka, DBT, Snowflake, Databricks, Looker, Tableau

AI & ML

OpenAI, Hugging Face, BedRock, LLama

Amazon Web Services (AWS)

Athena, SageMaker, S3, Redshift, Glue, MWAA, Lamda, RDS, Kinesis, Firehose, DynamoDB

Google Cloud Platform (GCP)

BigQuery, Compute Engine, Dataflow, AutoML

Web Development

Svelte, React, Typescript, Node.js, HTML, CSS

ACHIEVEMENTS



TechCrunch - "Join Group via QR"

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



GOPilot - Custom AI Helper

Created a custom GO Copilot Chatbot to help run, debug, and improve code written in GO. Leveraging OpenAI's APIs and data stores. github.com/jckail/helpersPrivate



Developed "pointup.io"

AI powered 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

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