

Daniel Kiselev

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WORK & LEADERSHIP EXPERIENCE

FactsCorp, LLC (DBA HouseFacts)

Cloud Strategy Consultant

Remote, NY

September 2024 – Current

- Advising the CEO on cloud architecture strategy and ensuring the global dev team follows best practices.

Insights.Money

Co-founder

Remote, NY

November 2023 – April 2024

- Co-founded with my best friend to monitor SEC filings and identify investment opportunities.
- Developed cross-filing analytics and alerts for specific tickers. Sunset after MVP to run on a Raspberry Pi in my friend's basement.

Salesforce

Senior Solution Engineer, MuleSoft

Remote, NY

May 2022 – September 2023

- Co-authored the first automation workshop, facilitating in-person and virtual sessions for clients across AMER.
- Covering MuleSoft's largest and most complex clients within the CMT & CBS vertical.
- Architected an internal playbook for GCP security manager integration, enabling secure access to credentials outside Google's infrastructure before the release of the native connector.

CommerceHub

Software Engineer II

Latham, NY

November 2021 – May 2022

- Developed a framework to configure and create dynamic shipment alerting rulesets; replaced hard-coded rules and the need for complete cloud redeployment. Lowering the development time of alerts by 80%.
- Spearheaded an internal initiative to require future AWS services to be deployed programmatically with CDK

MTX Group Inc

Senior Software Engineer

Albany, NY

February 2021 – October 2021

- Served as the client-facing technical lead and HL7 SME, translating business needs into technical requirements for a global team, ensuring task accuracy, and receiving the "Delivery Excellence Award."
- Designed and implemented a government system for SMS and voice campaigns, facilitating urgent notifications to hundreds of thousands of American citizens. Citizen responses were streamed to Big Query, ensuring best-in-class performance, latency, and data freshness when delivering real-time performance metrics through Looker.
- Architected and developed an API service to imitate a human authenticating with Blackbaud's SKY API. Enabling scheduled programmatic SKY API integration that would otherwise require human intervention. Using Kubernetes to manage containerized applications and TF to streamline cloud infrastructure provisioning.

MTX Group Inc

Software Engineer – Machine Learning

Albany, NY

September 2019 – February 2021

- Authored and implemented bespoke medical data middleware for interoperability with vaccination registries. Facilitated the national COVID-19 vaccine rollout. Initially, for the Arizona Department of Health, which President Joe Biden described as the "National Model." The only solution to support all deployment models, including locally on-device. Deployed to scale nationally by NYC, NYS, AZ, PA, and NV.
- Researched, designed, and implemented a methodology to calculate the distance to assets from non-stereoscopic images. Ensured deduplication of the same asset across multiple photos.

SKILLS/CERTIFICATIONS

- Technologies: Java, Python, TypeScript, JavaScript, HTML, CSS, C, OCaml, MuleSoft, Salesforce, AWS, GCP
- Certifications: GCP Professional Data Engineer, GCP Associate Cloud Engineer, Azure-900, Nerd
- Languages: Fluent in Russian and English

PROJECTS

github.com/danielkiselev

Whip – DandyHacks Hackathon Project

- Developed a web scraper to acquire airline data, assessing airport traffic to predict ride-share surge pricing.
- Accredited for best use of GCP API (Google) and Frankenstein Award for best use of multiple APIs (FactSet).

Code Analysis – Advanced Compilers (Python)

- Developed a compiler that reduced C programs to 3-address code by removing redundant operations with control flow and local value numbering, improving execution time and lowering memory use.

EDUCATION

University of Rochester

Bachelor of Science, Computer Science.

Rochester, NY

2015-2019