danielkiselev.com   *linkedin.com/in/dankiselev/*

Daniel Kiselev
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WORK & LEADERSHIP EXPERIENCE

Salesforce   **Remote, NY**
Senior Solution Engineer, MuleSoft   May 2022 – September 2023
- Co-authored the first automation workshop, facilitating in-person and virtual sessions for clients across AMER.
- Instrumental in closing the very first and supported nearly all Q3/Q4 FY23 automation deals at MuleSoft.
- 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   **Latham, NY**
Software Engineer II   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 internal initiative to require future AWS service be deployed programmatically with CDK

MTX Group Inc   **Albany, NY**
Senior Software Engineer   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   **Albany, NY**
Software Engineer – Machine Learning   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 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 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).

Mobile Messaging App – Mobile App Development Final Project (Android & Java)
- Built a mobile messaging app that allows users to add friends by QR code.
- Utilized Google's Firebase platform for real-time database management and user authentication, ensuring secure and efficient data handling.

Code Analysis – Advanced Compilers (Python)
- Developed a compiler to reduce C programs into 3-address code, identifying and removing redundant operations using a control flow graph and local value numbering. Improving execution time while lowering memory requirements of C code.

Code Translator – Prog. Language Design & Imp. (Python & OCaml)
- Implemented a scanner/tokenizer, a parser for parse tree generation, and a translator to convert the parse tree to the final output code.

EDUCATION

University of Rochester   **Rochester, NY**
Bachelor of Science, Computer Science.   2015-2019