

Daniel Kiselev

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WORK & LEADERSHIP EXPERIENCE

danielkiselev.com

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.
- Drive consensus among C-level clients on the value of adopting the Anypoint platform within their enterprise.
- MuleSoft specialist and trusted advisor for developing IT strategies, as well as presenting executive level product demonstrations.

CommerceHub

Latham, NY

Software Engineer II

November 2021 – May 2022

- Gathered technical requirements to create new features for the Active Delivery Management platform.
- Developed a scalable cloud framework built on AWS to configure and create dynamic alerting rulesets. Reduced development time of alerts by 80%.

MTX Group Inc

Albany, NY

Senior Software Engineer

February 2021 – October 2021

Software Engineer – Machine Learning

September 2019 – February 2021

- Authored medical data middleware for interoperability with vaccination registries. Implemented across the United States, the middleware is responsible for processing medical data of millions of Americans.
- Functioned as a client facing and MTX's internal HL7 SME. Responsible for understanding business needs and defining technical data requirements to a global development team. Ensured the correctness of the related development tasks; recipient of MTX's "Delivery Excellence Award".
- Designed and implemented a government system for SMS and voice campaign creation. Facilitating urgent notifications to hundreds of thousands of American citizens.
- Fostered a positive work environment; ensuring direct reports' needs were met and conflicts were handled appropriately.
- Architected and developed an API using serverless compute to imitate a human authenticating with Blackbaud's SKY API. Enabling scheduled programmatic SKY API integration that would otherwise require human intervention. Cloud Endpoints Portal was utilized to showcase, publicize, and re-use the capabilities for other clients.
- Researched, designed, and implemented methodology to calculate distance to assets from non-stereoscopic images. Ensured deduplication of same-asset across multiple images.

SKILLS/CERTIFICATIONS

- Technical Languages: Java, Python, TypeScript, JavaScript, HTML, CSS, C, OCaml
- Certifications: GCP Professional Data Engineer, GCP Associate Cloud Engineer
- Languages: Fluent in Russian and English

PROJECTS

github.com/danielkiselev

Whip – DandyHacks Hackathon Project

- Developed a web scraper to acquire airline data for assessing airport traffic to predict ride-share surge pricing.
- Awards Received: Best use of GCP API (Google); Frankenstein Award, 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 easily add friends by QR code.
- Utilized Google's Firebase platform for 'Realtime Database' management, and user authentication.

Code Analysis – Advanced Compilers (Python)

- Developed a compiler that reduces C programs into 3-address code. Identified and removed redundant operations using a control flow graph and local value numbering.

Code Translator – Prog. Language Design & Imp. (Python & OCaml)

- Implemented a scanner/tokenizer; a parser for parse tree generation; 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