

Omar Sulehria

Denver, CO ❖ <https://github.com/osulehria>

WORK EXPERIENCE

Handshake

May 2021 – Present

Staff Software Engineer | February 2023 - Present

Remote

- Handshake is a digital platform that links millions of US and EU university students to their first career job.
- I architected and led the implementation of a ground-up event streaming platform and event catalog, which became the backbone for features like smarter notifications, social feed updates, and relevant job postings.
 - Built both Ruby and Go clients to stream data directly into a BigQuery data warehouse.
 - Increased from 0 streaming events cataloged to every new event being cataloged by default via Protocol Buffers.
 - Created platform standardization via Terraform, provisioning cloud resources and security permissions.
- Mentored several engineers on software techniques and architecture, helping two engineers get promotions.

Senior Software Engineer | May 2021 - February 2023

- Pioneered the integration of an automatic table partitioning tool for PostgreSQL, `pg_partman` and `pg_cron`, allowing tables with tens to hundreds of millions of rows to be efficiently queried and deleted.
- Built a centralized application authorization microservice using Go and Envoy.

ThoughtWorks

April 2017 – May 2021

Lead Developer Consultant | June 2020 – May 2021

Denver, CO | Cincinnati, OH | San Jose, CA

- Led a team to integrate multiple 3rd party delivery APIs, using Java and Spring Boot, with a US Grocer's order system during COVID lockdowns.
- Mentored junior engineers in automated testing and frontend design of an open source application for measuring AWS/GCP/Azure carbon footprint: github.com/cloud-carbon-footprint/cloud-carbon-footprint.

Senior Developer Consultant | April 2017 – June 2020

- Led a distributed team in Bangalore, India to build and deliver a modern web customer experience around clipping coupons for a US grocer, resulting in page load times going from tens of seconds to under a second.
- Built and deployed two React microfrontends, a comment and a feedback component, for a Big Tech company.
- Migrated CI/CD pipelines for six microservices from a proprietary tool to Jenkins for a Big Tech company.

CA Technologies / Rally Software

May 2012 – April 2017

Software Engineer

Boulder, CO

- Led a project to display consistent time and time zone on all pages within the web application.
- Scaled application instances by 70% via code optimizations and infrastructure improvements.

EDUCATION

University of Colorado Boulder

December, 2012

BS Computer Science, BA Japanese

Boulder, CO

SKILLS

- **Languages:** Java, JavaScript/TypeScript, Go (Golang), Ruby, Python, HCL
- **Platforms/Tools:** Google Cloud Platform (GCP), PostgreSQL, Spring Boot, React, Terraform
- **Techniques:** CI/CD, domain-driven design, event streaming, infrastructure-as-code, automated testing