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.
- As a Staff Software Engineer, I designed a ground-up event streaming platform and event catalog, a backbone for features such as smarter notifications, social feed updates, and relevant job postings.
  - o Built both Ruby and Go clients to steam data directly into a BigQuery data warehouse.
  - o Went from 0 streaming events cataloged to every new event being cataloged by default.
  - o Wrote modules in Terraform to standardize provisioning cloud resources and security permissions.
- Mentored several engineers on techniques on writing effective automated tests and designing complex systems.

Senior Software Engineer | May 2021 - February 2023
- Integrated an automatic table partitioning tool for PostgreSQL with pg_partman and pg_cron, allowing tables with tens to hundreds of millions of rows to be efficiently queried and deleted.
- Developed a new authorization token microservice to validate incoming requests 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.
- Designed a proof-of-concept to scale user-driven authorization using Open Policy Agent (OPA) across an entire product suite in a legacy SaaS organization.

Senior Developer Consultant | April 2017 – June 2020
- Migrated CI/CD pipelines for six microservices from a proprietary tool to Jenkins for a Big Tech company.
- Built and deployed two React microfrontends, a comment and a feedback component, for a Big Tech company.
- Led a distributed team in Bangalore, India to build and deliver a modern web customer experience around clipping coupons for a US grocer. Loading times went from tens of seconds to consistently under a second.

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