

# Jonathan Sarig

Software Engineer

## SUMMARY

Software engineer with six years of experience building data systems and production applications. Specialized in developing end-to-end data platforms, APIs, and microservices using Go, Rust, and Python. Proven track record building machine learning pipelines that serve real-time predictions and creating distributed systems on Kubernetes. Passionate about dev tools, performance intensive software, and challenging projects in open source and early-stage ventures.

## PROFESSIONAL EXPERIENCE

### Software Engineer - CloudQuery

Jul 2024 - Aug 2025

Remote

- Developed microservices that integrate with the CloudQuery CLI and Platform to fetch and transform data from various data sources
- Worked on a distributed data-intensive platform handling billions of infrastructure data rows
- Built a Kubernetes operator to manage platform deployments and scaling
- Wrote technical blog posts about features I shipped

### Data Engineer - CloudQuery

Jul 2023 - Jul 2024

Remote

- Built a data warehouse for sales, marketing, and infrastructure teams
- Developed data pipelines to pull data from multiple sources into the warehouse (PostHog, AWS)
- Created cost and compliance policies for AWS, Azure, and GCP using Python and SQL

### Data Analyst / Engineer - Upstream Security

Jul 2022 - May 2023

Israel

- Built high performance data parsing and normalization pipelines to transform raw JSON and XML data into relational
- Analyzed terabytes of vehicle data to identify and build detectors of cyber attacks

### Machine Learning Engineer - J6 & Cyber Defense Directorate, IDF

Jun 2020 - Jun 2022

Israel

- Designed and built data warehouses for BI, analytics, and data science applications
- Implemented custom statistical and ML algorithms in ETL processes using Airflow
- Built data enrichment and normalization pipelines for various data sources
- Developed a Python library with statistical tools that became widely adopted across the organization

### Data Analyst - J6 & Cyber Defense Directorate, IDF

Oct 2019 - Jun 2020

Israel

- Analyzed complex datasets from multiple sources using SQL and Python
- Built end-to-end BI applications from data collection to frontend visualization
- Presented insights to senior military officials to support critical battlefield decisions

## TECHNICAL SKILLS

**Languages:** Rust, Go, Python, TypeScript

**Frameworks:** Axum, Tokio, FastAPI, React

**Databases:** PostgreSQL, Redis, ClickHouse, BigQuery

**Tools & Platforms:** Docker, Kubernetes, AWS, Git, CI/CD, Terraform

## CERTIFICATIONS

- Database Design - J6 & Cyber Defense Directorate, IDF (2021)
- Introduction to Data Science - J6 & Cyber Defense Directorate, IDF (2020)
- Data Analysis Course - J6 & Cyber Defense Directorate, IDF (2020)