

# Daniel Metz

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[danielmmetz.com](https://danielmmetz.com) 

## Employment

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### STAFF SOFTWARE ENGINEER @ FIGMA

June 2023 – Present

#### Storage Platform Team

June 2023 – Present

- Improved safety and reduced toil by automating shadowing during database failover operations (PostgreSQL on RDS). Enabled concurrent database upgrades with programmatic traffic ramping, health validation, and teardown.

#### Deploys Team Tech Lead

January 2023 – June 2023

- Led design, development, and wide adoption of a new configurable continuous deployment platform that federated deploy ownership to individual teams with automated monitoring, and rollbacks.
- Eliminated a class of SEV-0 incidents by leading the deprecation of blue-green deploys in favor of rolling deployments, reducing deploy complexity and cutting deploy-induced compute costs by 10-15%.

### STAFF SOFTWARE ENGINEER @ LYFT

September 2016 – May 2023

#### Observability Experience Tech Lead

January 2023 – May 2023

- Spun up a new team owning logging, tracing, metrics, dashboards, alerting, and profiling. Authored team vision, charter, and roadmap.
- Extended Kubernetes controller for sidecar injection to consistently ensure arbitrary mutations across fleet resources.

#### Platform Experiences Group Tech Lead

April 2022 – January 2023

- Partnered with Engineering Manager and Co-Lead on org design. Coached 3 teams on their charters and roadmaps.
- Sped up IDL release process by over 2x (from 60m to 25m) by rearchitecting its deployment.

#### Deploys Team Tech Lead

June 2018 – April 2022

- Led multi-year effort to develop and drive adoption of safe, automatic production deploys across 90% of services. Identified requirements and collaborated with partner teams to shift culture.
- Defined and implemented SOX compliance for the deployment system.
- Tech lead for cross-functional peak event preparation program.

## Education

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Pomona College

Fall 2012 – Spring 2016

- B.A. in Mathematics, Computer Science

## Side Projects

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- personal site featuring posts like A Guide to Code Review

- [settle](#): a custom dotfiles manager

## Awards

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- Core Passenger Outstanding Contribution Award for role in company-wide monolith decomposition.
- Inaugural recipient of Shift Left Security Award for exceptional ownership and impact in leading effort toward continuous automatic deploys.

## Languages and Technologies

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- Go, Python
- PostgreSQL (RDS), DynamoDB, SQS, MongoDB, Redis
- Kubernetes, Docker, Envoy, Temporal