Daniel Metz

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Employment

STAFF SOFTWARE ENGINEER @ FIGMA   June 2023 – Present

Storage Platform Team   June 2025 – 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 2025

— 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

Pomona College   Fall 2012 – Spring 2016

— B.A. in Mathematics, Computer Science

Side Projects

— personal site: featuring posts like A Guide to Code Review

- recipes app: custom made web app (and it's open source)
- settle: a custom dotfiles manager

Awards

- 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

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