

Daniel Metz

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Employment

STAFF SOFTWARE ENGINEER @ LYFT

September 2016 – Present

Observability Experience Tech Lead

January 2023 – Present

- Currently spinning up team to take ownership of logging, tracing, metrics, dashboards, alerting, and profiling. Developed and negotiated milestone-based transition plan between orgs.
- Authored team vision, charter, and roadmap. Designing plan for a European counterpart team.
- 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.
- Reduced complexity and sped up pod startup by eliminating the need for our runtime configuration system's sidecar container.
- Sped up our IDL release process by over 2x (from 60m to 25m) by rearchitecting its deployment.
- Joined a Tiger Team effort to migrate a Kubernetes cluster from 1.16 to 1.22.

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.
- Created long-term high-impact roadmap for team. Contributed to cross-team roadmaps.
- Key contributor to Kubernetes migrations. Set architectural guidance for supporting workloads of different types and privilege levels.
- Designed and executed on plan for migrating workloads across AWS accounts.
- Defined and implemented SOX compliance for the deployment system. Advised on compliance for the orchestration system.
- Simplified data architecture and improved analytics by migrating to RDS; replaced existing uses of DynamoDB, SQS, an ETL process, and HDFS w/ Hive/Presto.
- Tech lead for cross-functional peak event preparation program. Set company-wide freeze guidance.

Brand Experience Tech Lead

April 2017 – June 2018

- Implemented major changes to the Local Promotions platform, enabling the Marketing team to quickly, reliably, and independently launch campaigns.
- Integrated with an experimentation platform to permit per-campaign impact monitoring.
- Served as interim engineering manager for 2 months.

Organic Growth

September 2016 – April 2017

- Reduced customer acquisition cost of the Ambassador program by 54% (goal was ~20%). Identified multi-pronged approach and led implementation.

Education

Pomona College

Fall 2012 – Spring 2016

- B.A. in Mathematics, Computer Science | GPA 3.75

Side Projects

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