

Kyle Kelly

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EXPERIENCE

Yelp, San Francisco, CA — Senior Software Engineer

March 2021 - Jan 2022

Founding member of the Client Data team, created to build out GraphQL and standardize it as the new, unified client api for all of Yelp's platforms.

- Led project to codify ownership of all GraphQL type resolvers and operations across all of Yelp's platforms
- Built novel performance and observability tooling for GraphQL so teams could adopt it with confidence
- Improved Yelp's node.js generated client libraries to support mutations in GraphQL

Yelp, San Francisco, CA — Engineering Manager

May 2019 - March 2021

Lead and grew an internal tools & CI/CD team of engineers to provide a top-tier developer experience and increase development velocity.

- Founded a new CI/CD team with clear goals, motivations, and ownership that helped enable the team to take on more ambitious projects
- Led team through a major project to migrate our bespoke gitolite infrastructure and Review Board workflows, that had been in place 10+ years, to Github and Github PRs
- Coached new grad hires into well-rounded, effective engineers as well as mentored senior engineers into even higher levels of scope and impact
- Coordinated high-impact, cross-team projects to optimize our developer technology stack

Yelp, San Francisco, CA — Software Engineer

September 2014 - May 2019

Worked on an internal tools and CI/CD team. Built and maintained various internal and 3rd party infrastructure for continuous

TECHNOLOGIES

Python, Javascript, Node.js, Flow, GraphQL, Lightstep, Splunk, SQL, Elasticsearch, Mesos, Jenkins, Github Enterprise, Terraform, Puppet, Docker, Zookeeper

AWS EC2, S3, ASG, Spot Fleet, SQS, ELB, NLB, DynamoDB

release and testing workflows across mobile, backend, and frontend platforms.

- Led many projects to modernize Yelp's CI/CD infrastructure and release tooling to provide easily configurable, auto-scaling, self-repairing, and resilient tests and builds for hundreds of developers across over a thousand CI/CD pipelines.
- Helped build a way to highly parallelize millions of tests a day using a custom mesos scheduler and hundreds of auto-scaling EC2 instances via Spot Fleet.
- Worked on building and maintaining a large test reporting infrastructure on top of elasticsearch capable of handling millions of test results per day.
- Supported the build and test infrastructure for backend and frontend services; Python, JS, and Debian package; and more.

EDUCATION

**Georgia Institute of Technology, Atlanta, GA— B.S.
Computer Science**

August 2010 - August 2014

Graduated with highest honors