

ANGELO LICASTRO

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EXPERIENCE

Yelp, *Senior Software Engineer*, San Francisco, CA & Remote

Jun 2017 - Nov 2023

Metrics Team

- Managed all Yelp logging and metrics infrastructure, processing terabytes of data daily
- Lowered excess SignalFx & Splunk usage during contract renewals, saving millions in cost
- Scaled throughput of Python-based mobile logging and experiment backend by 100x
- Acted as security point of contact for Splunk, liaising with nearly all Engineering and IT teams
- Replaced expensive, outdated standalone SIEM by transitioning data into Splunk
- Migrated Splunk authentication from AD to SSO with Okta, improving scalability
- Eliminated duplicate mobile logging by implementing cross-platform exactly-once delivery
- Automated conversion of Avro schemas into cross-platform code classes, reducing app crashes
- Implemented system to enable ingestion of logs such as syslog into Splunk for alerting
- Evaluated SignalFx alternatives to reduce increasing contract costs while maintaining parity

Spam Team

- Dropped latency of review recommendation software 4x by migrating batch to Spark streaming
- Developed scalable approach for infra teams to access and maintain confidential data & code
- Transitioned user trust computation from MySQL task loop to Spark, increasing reliability
- Led full handoff of UGC abuse infra and monitoring to another team with zero downtime
- Launched system with improved heuristics for detecting internal fraud with high recall
- Reduced false positives in internal fraud detection system by 90%

Clickstream Analytics Team

- Built anomaly detection to safeguard publicly reported investor relations data
- Led redesign of data source pipeline for investor-facing metrics
- Instituted continuous software improvement program that targets vulnerabilities quarterly
- Introduced standardized diagram design tool for company-wide documentation clarity

Team Building & Mentorship

- Led infrastructure and backend interviews, phone screens, and mentored new interviewers
- Mentored university interns, new graduates, junior engineers, and team transfers

TALK

Mentoring Metrics Engineers, *Monitorama PDX 2018*, Portland, OR

Jun 2018

- Presented with former mentor at premier monitoring conference to over 500 attendees

EDUCATION

B.Sc., Computer Science, *Canisius University*, Buffalo, NY

Aug 2013 - May 2017

SKILLS

Python, Puppet, Terraform, Kafka, Spark, K8s, Observability, Security, Data Engineering, CI/CD