

Hello!

I am a data-driven engineering leader who thrives on cultivating high performance teams. I build extensible, observable, and safe systems through open collaboration, automation, and self-service. I lead with curiosity, have a deep appreciation for the craft of Software Engineering, and value the trust earned through teamwork.

Thank you for your consideration!

Professional Experience

Splice

Sr. Engineering Manager - Infrastructure March 2023 - Present

- Leading the Data Engineering, Security Engineering, and Site Reliability Engineering teams (10 FTEs).
- Drove EBIT from -12% to +2% through multiple consolidation and performance initiatives.
- Drove cross functional efforts to standardize golden paths for core infrastructure across Data, Security, and SRE.
- Coached and mentored an Individual Contributor into a Management role.

Engineering Manager - SRE December 2020 - March 2023

- Ownership of cloud infrastructure, CI/CD, compute platform, databases, observability platform, and edge networks.
- Delivered a framework for provisioning on-demand compute, enabling test suites to run in minutes instead of hours.
- Drove down toil by consolidating IAM, KMS, VPC networks, and integrating platform access to an IDP.

Staff Engineer January 2020 - December 2020

- Built a platform that enabled developers to self-service provision containers with baked in observability, blue/green auto-deploys, autoscaling, and ensured a baseline of security standards across all APIs.
- Bootstrapped and progressively iterated on an Incident Response system.

Sr. Software Engineer October 2018 - December 2019

- Reduced p99 search latencies from 1sec+ to <100ms by identifying and remediating performance bottlenecks.

Technologies: Go, Python, MySQL, Elasticsearch, Terraform, AWS, BigQuery, Docker, Datadog

Simple

Sr. Software Engineer - Platform Engineering July 2015 - August 2018

- Built product applications and infrastructure services on Kubernetes.
- Improved Mean Time to Recovery from days to hours, and decreased the number of outages per month by 60%.

Technologies: Go, Ruby, Scala, Kafka, PostgreSQL, AWS, Terraform, Kubernetes, Datadog, Prometheus, Grafana

Simply Measured

Software Engineer - Product and Data Engineering October 2013 - June 2015

- Built MapReduce jobs that normalized billions of rows of Facebook and Youtube data.
- Optimized data ingestion workers, improving performance, reliability, and decreasing operational burden.

Technologies: Go, Ruby, Java, RabbitMQ, MySQL, Hadoop, Memcache

Other Experience

Software Engineer, Teaching Assistant August 2008-December 2013

- **Sifteo:** Build web APIs for distributing software and collecting hardware diagnostics.
- **Kelly Dunn LLC:** Created web services that enabled musicians to distribute their music online.
- **Originate:** Built ecommerce, gaming, taxi hailing, and healthcare web applications.
- **University of Washington:** Taught Data Structures, Algorithms, Databases, and Web Development courses.

Technologies: Go, Ruby, Java, Javascript, C, C++, MySQL, PostgreSQL, Redis, Chef, AWS

Education

University of Washington

Bachelor of Arts in Japanese Linguistics September 2006 - June 2010