MOU PAUL

👋 Distributed system engineer with a passion for large scale infrastructure and machine learning. I speak 3 languages and enjoy traveling the 🌍

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20230728

Technical Skills

Language	Python Golang Typescript/Javascript Rust
Platform	Kubernetes BigQuery BigTable Node.js GRPC Chef Docker
Infra	Kafka Consul Vault Clickhouse Nginx Redis Sqlite
Library	Pytorch Rocksdb Electron Next.js React

Selected Projects

Training a Speaker Embedding from Scratch with Triplet Learning (6k+ views)
https://go.mou.dev/triplet-embedding-learning

Personal short link generator in Rust (deployed on go.mou.dev)
https://go.mou.dev/short

Professional Experiences

Software Engineer @ Roblox, Seattle — 2022/05-present

- Led schematization project to launch and spearheaded adoption within Roblox, saving $4.8M per year on AWS cost
- Led by example to foster proactive on-call culture, emphasizing documentation, root cause investigations, and postmortems

Software Engineer @ Twitter, San Francisco — 2018/06-2022/04

- Collaborated with multiple engineering functions to recreate and scale Smyte anti-spam infrastructure 10x after acquisition
- Led dataset migration to BigQuery within Twitter Health to accelerate cloud adoption across the org
- Led and designed a private data anonymizer system to improve private data handling for Twitter's anti-spam infrastructure

Software Engineer @ Smyte, San Francisco — 2015/11-2018/06

- Core member of four engineers building and scaling Smyte's anti-spam engine protecting hundreds of millions of users
- Developed and maintained automation and monitoring for mulitple kubernetes cluster with thousands of pods
- Led and designed Smyte's first machine learning stack for image abuse detection
- Contributed to high impact initiatives such as GDPR compliance and infrastructure costs reduction

Software Engineer @ Inkling, San Francisco — 2013/04-2015/05

- Designed and developed a video encoding pipeline for mobile devices

Educations

Udacity	Stanford University	University of Waterloo
Self-Driving Car Engineer I Certificate	Computer Science Master (withdrew)	System Design Bachelor