MOU PAUL

👋 Experienced engineering leader with proven track record of building large distributed systems. I speak 3 languages and enjoy traveling the 🌏

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paul.mou.dev

Technical Skills

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

Selected Projects

Listening with LLM
https://go.mou.dev/blog-llm

Training a Speaker Embedding from Scratch with Triplet Learning
https://go.mou.dev/triplet-embedding-learning

Short Link Generator in Rust
https://go.mou.dev/short

Professional Experiences

Software Engineer @ Roblox, San Mateo   2022/05-present

- Key technical contributor and advocate for driving datalake schematization at Roblox, delivering over $10M savings in annual cloud costs
- Promoted DevOps best practices via code-based dashboard and alert generation, runbook documentation, capacity planning, and incident 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 personal data anonymizer system to improve personal 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
- Contributed to high impact initiatives such as GDPR compliance and building first machine learning stack for abusive image detection

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