Alex Meddin

meddin.alex@gmail.com

Los Angeles, CA

🌐 alex-meddin.com
 github.com/ameddin73
in linkedin.com/in/alex-meddin

Experience

Tanium

Tanium is an IT operations platform used by the world's largest organizations. At Tanium Cloud, I build and maintain planet-scale services and infrastructure connecting hundreds of millions of endpoints globally.

Staff Software Engineer   March 2022 – Present

- Customers can patch their fleet of millions of endpoints in hours now instead of days thanks to a petabyte-scale global CDN I created to deliver data faster and cheaper.

- Reduced churn among demanding customers by taking critical services from unreliable to 99.95% availability. Accomplished with thoughtful metrics, alerting intentionally, and negotiating internal SLAs to coordinate dependencies between teams.

- Eliminated more than 100 petabits/month of expensive egress by writing an high performance gRPC streaming service in Golang that caches and deduplicates terabytes of shared customer data.

- Proactively identified and saved over $1 million in annual cloud costs without compromising stability by right-sizing RDS databases and replacing expensive VPC endpoints with secure proxies.

- Unlocked a new market of newly-viable small business customers worth millions in ARR by converting thousands of costly EC2 VMs and private networks to horizontally-scalable Kubernetes workloads and shared service meshes.

IKEA

IKEA US Digital is the first and only digital footprint for IKEA in the United States. I founded and lead the backend services and operations team to streamline operations in stores across the world.

Senior Software Engineer | Tech Lead   August 2020 – March 2022

- Shortened wait times for customers picking up online orders at IKEA stores 30% by integrating previously separate ticketing and order details systems in a Java/Spring Boot microservice hosted in Google Cloud Kubernetes (GKE).

- Boosted order-picking efficiency as lead developer for a modern Java/Spring Boot-backed Typescript and React mobile app.

- Fostered inclusion & diversity by founding a DEI committee, offered 1:1 technical mentoring, and served as tech lead on a team of 8.

Fidelity Investments

Software Engineer   June 2017 – August 2020

- Improved marketing team productivity by designing and implementing an AWS-hosted Java and Spring Boot REST content tagging service.

- Enhanced millions of customer records by developing and deploying Spring Batch jobs to transform and enrich data.

Projects and Non-Profits

How-AI

Personal Project   github.com/ameddin73/how-ai

- Generate CLI commands and code snippets from natural language right in your terminal.

Co-founder, Club Sandwich

Non-Profit

- Served the community by making and delivering over 40k meals to during COVID-19.

Education

Rochester Institute of Technology

BS Computer Science   May 2018

- Minor in Chinese Language.

Skills

Cloud Engineering | Microsoft Azure | Google Cloud Platform (GCP) | Amazon Web Services (AWS) | Kubernetes | Docker gRPC | REST | Go/Golang | Java | JavaScript | Node.js | Terraform | SQL | RDBMS | Postgres | noSQL | Git | CI/CD GitHub Actions | Helm | Linux/Unix | Networking | Cloud Security | TLS | mTLS | DNS | CDN (Content Delivery Network) Distributed Systems | Automation | Workload Orchestration | Microservices | DevOps | Mentoring | Technical Analysis Innovation | Documentation | Collaboration