Alex Meddin

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K8s │ Azure │ GCP │ AWS │ Go │ Terraform
Software Engineering │ Platform Engineering │ Distributed Systems
Bias for Action │ YAGNI > DRY │ Automate Everything │ Collaboration First

Employment

Tanium

Senior Software Engineer   **March 2022 – Present**

- Reduced per-tenant storage by **1000s of GB** while maintaining performance with a **Go** and **gRPC** service leveraging **Azure Storage** and **CDN**.
- Anticipate saving **millions annually** in infrastructure costs and support engineering by migrating from single tenant **AWS EC2** instances to multi-tenant **Azure Kubernetes** clusters.
- Saved **$1 million** in annual infrastructure costs through diligent cloud cost-cutting practices like updating compute instances **(AWS EC2/RDB)** and identifying extraneous network constructs **(AWS VPC)**.
- Automate everything I touch.
- Regularly present tech demos and at university recruiting events.

IKEA

Senior Software Engineer | Tech Lead   **August 2020 – March 2022**

- Shortened customer pick up times more than **30%** with a **GCP**-hosted **Java** and **Spring Boot REST** service.
- Increased coworker efficiency by creating a **GCP**-hosted **Java** and **Spring Boot** backend to support ML route planning.
- Modernized the coworker experience in a **Typescript** and **React** mobile app.
- Shortened deployment times by **days** by writing **GitHub Actions** and template **Kubernetes/Helm** manifests.
- Fostered **inclusion, diversity,** and coworker growth by founding a **DEI committee** in addition to 1:1 **technical mentoring.**

Fidelity Investments

Software Engineer   **June 2017 – August 2020**

- Created an **AWS**-hosted **Java** and **Spring Boot RESTful** microservice to normalize third party graph data.
- Wrote **AWS**-hosted **Java** and **Spring Batch** ETL jobs to warehouse **millions** of customer records.
- Created and supported multiple **Java/Spring Boot + Angular** web apps to automate complex coworker tasks and enhance customer experience.
- Authored cost/benefit analyses of in-house development costs against vendor contracts.

Club Sandwich Non-Profit

Board Member   **May 2020 – Present**

- Served over **40k** meals to community members during COVID-19.
- Practice radical empathy by building strong communities and increasing access to life-saving resources.

Projects and Open Source

Distro PHL

Personal Project   github.com/ameddin73/distro-phl

- Classifieds for free community resources owered by **React** and **Firebase** and written in **Typescript**.

Personal Site

Personal Project   github.com/ameddin73/personal-website

- Ultra-light and delightful **HTML** and vanilla **JavaScript** website showcasing my skills, interests, and experience.

AWS Terraform Provider

Open Source   github.com/hashicorp/terraform-provider-aws

- Written in **Go**, the AWS Provider allows **Terraform** to manage **AWS** resources.

Education

Rochester Institute of Technology

BS Computer Science   **May 2018**

- Focus on **Programming Languages**.
- Minor in **Chinese Language**.

Skills

Software Engineering │ Platform Engineering │ Distributed Systems │ Systems Engineering Kubernetes │ Azure │ GCP │ AWS │ gRPC │ REST │ Go │ Java │ JavaScript │ TypeScript │ Terraform Git GitHub Actions │ Unit Testing │ Docker │ Helm │ Multi-Cloud │ Linux │ Networking │ Automaton Leadership │ Mentoring │ Collaboration