

MUNIR KHAKHI

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CLOUD-NATIVE ENGINEERING LEADER & ARCHITECT

SUMMARY

Highly accomplished and driven Cloud-Native Architect and Engineering Leader with 12+ years of experience, including over **7 years** focused on developing high-scale, resilient, and secure infrastructure. Deep expertise in **Golang (Go)**, microservices, and modern DevOps practices. Proven success in architecting and deploying scalable solutions using **Kubernetes (K8s)**, **Docker**, and major cloud providers (EKS/GKE). Skilled in technical leadership, team mentorship, and implementing continuous delivery pipelines with tools like **GitHub Actions**. Seeking a challenging remote engineering leadership role within US time zones.

CORE TECHNICAL SKILLS

- **Languages:** Golang (Go), Node.js (API/Full-Stack Development), Python
- **Cloud & Infra:** AWS, GCP, Terraform, Infrastructure as Code (IaC), EKS, GKE, Cloud Infrastructure
- **Containerization & Orchestration:** Kubernetes (K8s), Docker, ContainerD
- **CI/CD & DevOps:** GitHub Actions, GitLab CI, Observability, Prometheus, Grafana
- **Architecture:** Microservices, Event-Driven Systems (SQS, Google PubSub, Pulsar), Zero-Trust Security Models

PROFESSIONAL EXPERIENCE

Head of Engineering | Improwised Technologies (Jul 2023 – Present)

- Led all engineering and cloud infrastructure initiatives, overseeing strategic planning and execution for multiple client projects.
- Architected and delivered large-scale, cost-efficient Kubernetes (EKS/GKE) solutions, resulting in improved system reliability and reduced operational overhead.
- Drove the implementation of a comprehensive zero-trust security model across the entire cloud infrastructure portfolio.

Technical Team Lead | Improwised Technologies (Sep 2018 – Aug 2023)

- Spearheaded the development of high-traffic data streaming and processing platforms, primarily utilizing **Go** (Golang), Kubernetes, and Apache Pulsar.
- Championed and led the organization's shift to cloud-native development practices, significantly improving deployment frequency and system resilience.
- Mentored and managed a cross-functional team of engineers, fostering a culture of engineering excellence and clean code practices.

Sr. Programmer Analyst | Argusoft (May 2018 – Aug 2018)

- Developed compliance and audit software suite with integrated DevOps observability.

Software Engineer | Improwised Technologies (2014 – 2018)

- Built social media app features and custom D3.js charts.
- Developed early DevOps pipelines using Docker for application deployment.

THOUGHT LEADERSHIP & SPEAKING

- Designing for Cloud-Native Architectures – *Marwadi University*
- Mastering Containers: Podman vs Docker – *VVP Engineering College*
- Building Resilient Event-Driven Systems – *GDG Cloud Rajkot*