Murtaza Udaipurwala

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Summary

Currently working as a DevOps trainee at AccuKnox.

I have a passion for exploring technologies and often work with the Go programming language and the Kubernetes ecosystem. I enjoy building, deploying, and maintaining reliable and scalable systems. These days you'll find me fiddling around with my K3S lab and NixOS.

I'm always eager to learn and explore new technologies, particularly in the cloud-native space. Let's connect if you share similar interests or have opportunities for collaboration.

Experience

Accuknox - *DevOps Trainee*   **Sept 2024 - Present**

- Building *RINC* (acronym for Reporting IN Cluster) in Go - A Kubernetes-native system metrics reporter with support for alerting, where alerts can be defined using an expression language.
- Setting up and maintaining monitoring stack - Prometheus, Loki, Grafana.
- Building & managing CI/CD workflows using GitHub actions.
- Writing Ansible playbooks for spinning up test deployments of Nexus, K3S & RKE2 clusters, etc.

ADMyBrand - *Backend & Cloud Engineer Intern*   **Jan 2022 - Jul 2022**

- Developed REST API in Go
- Managed AWS EC2 and EKS instances
- Created CI/CD pipelines using GitHub Actions
- Processed large volume data using AWS Athena

Education

BTech in Artificial Intelligence & Data Science   **2020 - 2024**
K J Somaiya Institute of Technology   Mumbai, Maharashtra, India

Skills

- **Cloud Platforms:** AWS
- **Containerization:** Docker, Kubernetes
- **CI/CD Tools:** GitHub Actions
- **IaC tools:** Ansible, Terraform
- **Monitoring & Logging:** Prometheus, Loki, Grafana
- **Scripting Languages:** Bash, Go
- **Version Control:** Git

Achievements

- [Finalist](#) of the All-India Hackathon - [Kavach](#) 2023.
- Created a [room at TryHackMe](#) around poorly implemented RSA keys.