



Vishal Anarase

Engineer, Kubestronaut, Docker Captain, Golang, Kubernetes, Cloud Native, Open Source, Creator and Life

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EXPERIENCE

CloudRaft, Remote — Sr. Software Engineer - Platform

APRIL 2025 - PRESENT

Currently developing and operationalizing **Ditto's Bring Your Own Cloud (BYOC)** on **Kubernetes** infra deployment offered by Ditto Server into customer-owned **GCP** environments.

Stack - **Golang, Kubernetes, Docker, GCP**

Civo Ltd, London — Sr. Software Engineer - Infrastructure

JUNE 2021 - APRIL 2025 [4 YEARS]

Maintainer of **Civo Cloud Services**, including **Cloud Controller Manager (CCM)**, **Cluster Autoscaler (CA)** for Kubernetes as a Service, and Database as a Service (**DBaaS**)

Contributed to **Civo Kubernetes Service** by enhancing CA and CCM, improving provisioning, scaling, and cluster efficiency.

Enhanced **Compute as a Service** by implementing disk support for virtualized workloads and optimizing storage provisioning.

Designed and developed **Kubernetes operators from scratch**, automating and scaling cloud services efficiently.

Added features to the **Civo CSI Driver**, enabling volume stats for enhanced storage monitoring.

Contributed to **Civo CLI, SDK, Terraform**, and **Crossplane**, improving automation, cloud resource management, and integrations.

Optimized the **Civo Public API** by improving performance, enhancing extensibility with new endpoints, and refining cloud service interactions for a seamless developer experience.

Stack - **Golang, Docker, Kubernetes, Redis, MySQL, GCP**

Kubernetes, Open Source — Contributor

JUNE 2023 - PRESENT

Contributed to the **Cloud Provider Interface**, enhancing components like **Cluster Autoscaler (CA)** and **Cloud Controller Manager (CCM)** to improve cloud integration.

Participated in the **Cluster API (CAPI)** release team, contributing to the successful delivery of **CAPI 1.8** and **1.9** collaborating with the community to manage and document release milestones.

SKILLS

Golang	●●●●●
Kubernetes	●●●●●
Kubernetes Operators	●●●●●
Operator SDK	●●●●●
Kubebuilder	●●●●●
Docker	●●●●●
KubeVirt	●●●●●
OpenStack	●●●●●
RESTful API, CLI	●●●●●
Cobra CLI	●●●●●
Microservices	●●●●●
gRPC, Protobuf	●●●●●
Terraform, Crossplane	●●●●●
Linux	●●●●●
Jira	●●●●●
Git, Github, Gitlab	●●●●●
Gorilla Mux, Gin	●●●●●
GCP	●●●●●
CI/CD, ArgoCD	●●●●●
Make, Bash Scripting	●●●●●
Grafana, Prometheus	●●●●●
Helm	●●●●●

CERTIFICATIONS

- CNCF **Kubestronaut**
- Certified Kubernetes Administrator (**CKA**)
- Certified Kubernetes Application Developer (**CKAD**)
- Certified Kubernetes Security Specialist (**CKS**)
- Kubernetes and Cloud Native Associate (**KCNA**)
- Kubernetes and Cloud Native Security Associate (**KCSA**)

OPEN SOURCE

- CNCF
- Kubernetes
- Cluster API (**CAPI**)
- Percona Xtradb **Operator**
- Percona PostgreSQL **Operator**
- Docker **Captain**

Diamanti Software LLP, Pune — Software Engineer

MAY 2017 - JUNE 2021 [4 YEARS]

Worked on hyperconverged infrastructure appliance for performance and efficiency of bare-metal containers (It's **Kubernetes** powered infrastructure)

Implemented **Kubernetes** Cluster Migration, Cluster config backup and restore some of the storage and networking controller

Added control plane management features using **Operators** and containerize various services and Deployments

Multi Cluster Management (MCM) built Kubernetes Operator for managing and orchestrating workloads across multiple clusters.

Enabled seamless stateless **Application migration** between clusters to improve availability and resource utilization.

Write clean, maintainable code for **CLI** and Backend (**CRUD**, **RESTful** API)

Stack - **Golang**, **Docker**, **Kubernetes**, **Etc**

One Convergence Pvt Ltd, Hyderabad — Software Engineer

JULY 2016 - APRIL 2017 [1 YEAR]

Worked on **NSD** (Network Service Delivery) It's an enhancement of the **OpenStack** Group Based Policy (GBP) Framework

Controller which provides configuring and orchestrating network services like Firewall, Load Balancer, VPN and its chaining

Roles Responsibilities

- Design, develop, and maintain scalable features
- Own modules through implementation, testing, and support
- Write clean, modular, and maintainable code
- Improve existing functionality and resolve issues
- Collaborate across teams to deliver high-quality software
- Support customer issue resolution and release cycles

EDUCATION

M.S. in CS, **PUCSD**, University Of Pune

B.S. in CS, Modern College, Pune

EXTRA ACTIVITIES

System Administrator at **PUCSD**



INTEREST

Cloud Native, Clustering, Storage, Networking, Linux internals, Blogging



HOBBIES

Cooking, Reading, Trekking