

DHARMIT SHAH

+91 99256 98090

[GitHub](#) ◇ [Email](#) ◇ [LinkedIn](#) ◇ [Blog](#) ◇ [StackOverflow](#)

SUMMARY

Senior Software Engineer experienced in engineering, technical support, and user-facing roles with proven record of quickly making non-trivial code and docs contributions. Eager to leverage extensive experience in Go & Kubernetes to solve complex challenges and work on impactful projects.

SKILLS

Primary	Go, Linux, Kubernetes (OpenShift, Rancher), Virtualization, Writing
Secondary	Python, Bazel, Ansible, Terraform, Jenkins, Apache Mesos
Actively learning	Rust, eBPF

HIGHLIGHTS

- [End-to-end work](#) on hook sidecar ConfigMap feature on an entirely new code base - *Red Hat*
- [odo dev](#), concurrency ([1](#), [2](#), [3](#)) to improve `odo logs` performance (12s to 1.5s), lead [documentation effort](#). Created 12 videos for enablement of Technical Support, opened 18 bugs in the process, and received an award for the same - *Red Hat*
- Contributing to open source sans employment obligations: [kubectrl PR](#)
- Presented [CentOS Container Pipeline Service](#) in conferences and architected its v2 based on OpenShift 3 - *Red Hat*
- Mentored students who are now engineers at Red Hat, SUSE, Oracle, Intel, etc. References available on request.
- Hosting virtual meetup on the theme of CNCF projects: [link to YouTube playlist](#).

EXPERIENCE

Senior Software Engineer, SUSE

Apr 2024- Present

- [Harvester project](#)
 - Modify Harvester upgrade flow for quicker feedback (from numerous minutes to just five) to user: [PR](#).
 - Webhook protecting taints and labels: [PR](#)
 - [List of all pull requests to Harvester](#)
 - Stack: Go, Harvester
- [Core Rancher](#)
 - Webhook to [prevent deletion of namespace and cluster](#)
 - Helm charts contributions: ([1](#), [2](#))
 - [Documentation for Telegram receiver](#) for Alerting
- [ClusterAPI \(CAPI\)](#): Code contributions ([1](#), [2](#)) docs contributions ([3](#), [4](#), [5](#))
- Full list of pull requests to Rancher can be found [here](#)
- Stack: Go, Rancher, Helm

Senior Software Engineer, Red Hat

Oct 2015 - Mar 2024

- Developer on the [KubeVirt](#) team *Dec 2022 - Mar 2024*
 - Delivered end-to-end [ConfigMap support for hook sidecars](#), enabling more flexible configuration injection for developers.
 - Limiting [number of goroutines](#) in `oc must-gather` to prevent system from getting overwhelmed
 - Full list of contributions to KubeVirt can be found [here](#)
 - Stack: Go, KubeVirt, Bazel

- Developer and Team Lead for the [odo project](#) *Apr 2019 - Dec 2022*
 - Go CLI to deploy apps on k8s; extensively used concurrency primitives.
 - Team Lead between Nov 2020 - Dec 2021
 - Lead the documentation effort: ([website](#))
 - Lead the effort to educate support team about the tooling.
 - Stack: Go, [spf13/cobra](#) (CLI framework); goroutines, mutexes, `sync/atomic` (concurrency)
- Developer and Architect for [CentOS Container Pipeline](#) project *Mar 2016 - Apr 2019*
 - Service written in Python and deployed on OpenShift using Ansible
 - Lead the architectural effort to move to OpenShift, thus moving the service into a single platform
 - Stack: Python; Ansible & OpenShift (deployment); Jenkins Pipelines (build orchestration), beanstalkd (message queue); Prometheus & Grafana (monitoring)

DevOps Engineer, Ishi Systems

Jul 2015 - Oct 2015

- Evaluate Apache Mesos on AWS using Terraform for application deployment
- Stack: Apache Mesos, [Marathon](#), [Chronos](#), AWS, Terraform, Ansible

Software Engineer, Aubergine

Dec 2014 - Jul 2015

- Backend developer for the [Cubii mobile app](#)
- Design, develop and deploy the APIs
- Stack: [Django Rest Framework](#), Celery, AWS

Associate Software Engineer, Red Hat

Jun 2014 - Nov 2014

- Worked on the ISV Certification team, and developed Dockerfile linter in Python

Associate Technical Support Engineer, Red Hat

Apr 2012- Jun 2014

- Technical support cases for Linux, Virtualization and OpenStack platforms
- Front-line engineer, worked on call support

Linux Administrator, Global SMS Networks

Dec 2011 - Mar 2012

- Setup firewall rules using iptables; admin for Web, FTP, Mail servers.

IT Engineer, CMC Ltd.

Aug 2010 - Aug 2011

- Setup Oracle 10 rg2 on RHEL5.5; requirement gathering from the client.

EDUCATION

Bachelor of Engineering, Information Technology
Sardar Patel University, Anand

2006 - 2010

AWARDS & CERTIFICATIONS

Red Hat Developer Impact Award

Dec 2019

Awarded for using the tool from a user's perspective, creating learning material for Technical Support team, and opening numerous bugs in the process

[Certified Kubernetes Administrator](#)

Nov 2020

[Certified Kubernetes Application Developer](#)

Nov 2020

CONFERENCE TALKS

- [DevConf.CZ 2018](#) at Brno, Czech Republic
- [CentOS Dojo 2019](#) at Brussels, Belgium
- [DevConf.CZ 2019](#) at Brno, Czech Republic

COMMUNITY & MENTORING

- Lead of [Kubernetes](#), [Go](#) and [Docker](#) meetup chapters in Ahmedabad
- Mentored undergraduate students in Linux & Python (references available on request)