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, Linux & 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: kubectl 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**

- Developer on the Core Infrastructure Team   Nov 2025 - Present
  - SUSE Elemental project
  - Stack: Go, Linux, Kubernetes
- L3 Engineer on Software Solutions Engineering Team   Apr 2024 - Nov 2025
  - 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 2006 - 2010
Sardar Patel University, Anand

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)