DHARMIT SHAH

+91 99256 98090

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

SUMMARY

Software Engineer with 13+ years of experience in engineering (9 years), technical support(2.5 years), and user-facing roles(4 years); now focusing on getting into the depths of Go & Kubernetes.

SKILLS

Primary	Go, Kubernetes, Linux, REST APIs, Virtualization
Secondary	Python, Ansible, Terraform, LaTeX

EXPERIENCE

Senior Software Engineer, Red Hat   **Oct 2015 - Present**

- Developer on the [KubeVirt HyperConverged Cluster Operator](#) team   *Dec 2022 - Present*
  - Use [Operator framework](#) to build and manage Kubernetes Operators
  - Stack: [controller runtime](#), [operator-sdk](#)
- 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: [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
  - 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

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 - Nov 2023**

Certified Kubernetes Application Developer **Nov 2020 - Nov 2023**

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 and Docker meetup chapters in Ahmedabad
- Mentored undergraduate students in Linux & Python (references available on request)