

Saket Sinha

Hyderabad, India

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Summary

I am a DevOps/System Engineer specializing in Product Development with 9+ years of experience.

Development: Python, C, C++, Golang, Bash

DevOps: Docker, Qemu-KVM, Kubernetes, Prometheus, Grafana, Salt, GCP, Gitlab-CI, Airflow, Jenkins, OpenShift.

Work Experience

IONOS

Berlin, Germany

SYSTEM ENGINEER

Feb 2019 - Present

- Actively manage, improve, and monitor native cloud infrastructure. Deploy, configure, and manage servers through Salt stack configuration management tool. Automating environment build and provisioning using virtualization, containerization and orchestration tools with Docker, Qemu, Kubernetes and OpenShift. Implement driver for CephFS and kubernetes sidecar deployment yamls of provisioner, attacher, node-driver-registrar and snapshotter for supporting CSI functionalities.

AMD

Hyderabad, India

MEMBER OF TECHNICAL STAFF

June 2018 - Feb 2019

- Built robust data infrastructure for AMD ROCm Team integrating sources from various data streams and developed CI/CD pipeline which facilitated custom A/B testing for AMD GPUs.

Nvidia

Hyderabad, INDIA

SYSTEM ENGINEER

Mar 2017 - June 2018

- Built a robust data ingestion and ETL pipeline for 100+ internal and third party data sources using a scalable Apache Airflow cluster to support the growing needs of the Data Science teams. Built an internal operations testing and monitoring platform using Prometheus, Grafana, Locust, ELK (Elasticsearch, Logstash, Kibana) and Jenkins.

Arcent

Gurgaon, India

SENIOR SOFTWARE ENGINEER

Jan 2015 - Feb 2017

- Setup production-grade Kubernetes cluster up and running in GCE. Added support for installing CSI plugins to implement an interface between CSI enabled Container Orchestrator (CO) and Ceph cluster. It allows dynamically provisioning Ceph volumes and attaching them to workloads.

Safenet-Inc-Gemalto

Noida, India

SOFTWARE ENGINEER

Dec 2013 - Jan 2015

- Development of container based build system for building the driver on different Linux distros simultaneously and package them in a single rpm/deb. Creating a fully Automated Build and Deployment Platform and coordinating code builds, promotions and orchestrated deployments.

AE Telelink Systems

New Delhi, India

SOFTWARE ENGINEER

Jan 2012 - Dec 2013

- Developed firmware for Voice Logger product used for storing audio data. Developed FAT file system enabling logging of voiced calls in MP3 format.

Education

Centre for Development of Advanced Computing

Noida, U.P., India

POST-GRADUATE DIPLOMA EMBEDDED SYSTEM AND VLSI DESIGN

July. 2011 - Dec. 2011

IILM College of Engineering and Technology

UPTU, Lucknow, U.P., India

BACHELOR OF ENGINEERING IN ELECTRONICS AND COMMUNICATION

Aug. 2007 - July. 2011