

# Shashank Reddy Sunkara

Mid-Senior DevOps Engineer strong with AWS, Jenkins, Docker & Grafana and work experience in USA, Germany & India

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Indian citizen | Born 05/04/1994 | [LinkedIn](#) | [Github](#) | [Blog](#)

I am a EU Blue Card holder | Require visa sponsorship | Notice: 3 months



## TECHNICAL SKILLS

AWS (7 years of project experience) | Azure (1) | GCP (1) | OVH (3) | Cloud Foundry (2) | Openstack (2) | Openshift (2) | ECS & EKS (1) | Jenkins (JCasC) (7) | TravisCI (1) | Github Actions (2) | GitLab (4) | Docker (Compose & Swarm) (6) | Kubernetes (1) | Ansible (7) | Terraform / IasC (1) | Microservices (4) | ELK (4) | Grafana (4) | Zabbix (4) | App Dynamics (3) | Sentry (7) | Redis cluster (4) | Kafka (4) | SonarQube (4) | Java (3) | Python (2) | Bash Scripting (4) | Databases (PostgreSQL / RDS) (6) | Nginx (7) | SysAdmin (6) | Network (3) | VMware (3) | CouchDB (3) | Uptrends (3) | Icinga (3) | Matomo (3) | pfSense (3) | Javascript (1)

## WORK EXPERIENCE

08/2022 – today

### DevOps Engineer

JAKALA Germany GmbH, Hamburg, Germany

**Projects:** JAKALA is a software agency that provides application development, infrastructure provision, and support to multiple larger clients in Germany.

- I handle multiple customer apps, hosted environments, migration, VPN, security patches on hosts and also Sysops & networking activities to maintain office networks and Hybrid infrastructure. In charge of infrastructure and applications uptime using tech like Ansible (which I use for build, deployments, and security patches in 100s of servers in multiple environments in Hybrid cloud).
- Set up new linux VMs for the dev team to use as build, and deploy servers with all dependencies. Managed VMware ESXi, NSX Edge, and also took part in preparation of migration plan from OVH to GCP. Took care of Terraform modules to limited extent and successfully set up VPN tunnel, BGP sessions, and network firewalls via pfSense to establish VPN tunnel between Office, OVH and GCP. Fixed multiple Jenkins build and deploy failures, and also administration of LDAP to allow access for contributors to Gitlab projects.

**Technologies used:** VMware | pfSense | ansible | OVH | GCP | AWS | Terraform.

08/2020 – 07/2022

### DevOps Team Lead / Sr. DevOps Engineer

DataCultr Pvt. Ltd., Gurgaon, India

**Projects:** DataCultr provides smartphone-as-a-tool-services on risk reduction for new credit lines to customers, with over 20M+ users and 60M+ logins daily.

- Responsible for recruiting, guiding, knowledge sharing, tasks assignment, daily and retrospective meetings and leading an agile team of 4 DevOps members. Improved/documented end-to-end infrastructure, CI-CD pipelines, monitoring (servers + logs), security (infra + apps), compliance, and Data Loss Prevention.
- Created 3 Classic Load Balancers, 3 RDS, 2 ElastiCache with Redis engine, 2 EFS, Guard Duty, 30 encrypted volumes (Encryption at Rest), SSL (Encryption in-transit), 30 SG, cost optimization setup for production and lower environments.
- Worked on IasC via Terraform, CasC via Ansible, JCasC via Jenkins, and shell scripts. Reduced latency in load balancers by 100sec by optimizing Nginx reverse proxy servers configuration and cache servers upfront to process over 60m requests per day. Optimized processes and threads for a Python app based on uWSGI to provide more compute and throughput.
- Also successfully led a cloud migration project from Azure to AWS by using automated migration tools & manual setup within 6 weeks (critical deadline).

Reduced VMs footprint from 75 to 31. Followed best practices and AWS Well-Architected 5 pillars principles.

**Technologies used:** AWS | Azure | Docker | Docker Compose | Docker Swarm | Jenkins | Ansible | K8 | Sentry | Grafana | Python | Shell script | Zabbix | SonarQube | ELK | Redis | Kafka | PostgreSQL DB 10.17 | Nginx | ElastiCache | Ubuntu 18.04.

06/2019 – 03/2020

### **DevOps Engineer**

Freddie Mac Corp. HQ, McLean, USA

**Projects:** Worked and lived in Virginia where I created 20+ ansible playbooks for multiple application environments at Freddie Mac, which provides Federal home loan mortgages to millions of US citizens.

- Automated the process of deployments and credentials rotation, thereby reducing manual time-consuming tasks (up to 2 hrs) to be completed within 5 minutes. Integrated 20+ Jenkins jobs with 20+ Ansible playbooks to manage 200+ servers for multiple management tasks.
- Worked on 10+ IBM Websphere Application Servers and Oracle databases. Worked on Openshift with underlying Kubernetes engine to deploy 200+ apps via Jenkins and resolved configMap issues on failed deployments.

**Tech used:** AWS | Docker | Kubernetes | Openshift | IBM WAS | Oracle 11g DB | Jenkins | Ansible | Shell scripts | Java | Bitbucket | Jira.

04/2018 – 05/2019

### **DevOps Engineer**

John Deere Corp. WHQ, Moline, USA

**Project:** Lived and worked in Iowa for vehicle and construction manufacturing multinational John Deere on cloud integration support projects.

- Led the off-shore dev team to maintain and resolve Jenkins deployments and timeout issues. Created 10+ Jenkins jobs with multi-stage pipelines that perform pull, scan, and deploy at different stages via Blue-Green deployment strategy. Provided RCA and 5Y analysis on production downtime with further details from AppDynamics.
- Worked on single Monolithic and 30+ Microservices. Developed/maintained scripts of development tools (e.B. the build, test, and production systems).

**Tech used:** AWS | Docker | Jenkins | Cloud Foundry | PostgreSQL DB 9.6 | ElasticSearch | Logstash | Kibana | Github | ServiceNow | App Dynamics | Dynatrace | OpenShift | Java | Ansible.

02/2018 – 04/2018

### **DevOps Engineer / Software Engineer**

Softworld Technologies LLC, West Des Moines, USA

**Project:** US-American software company

- I implemented production-grade persisted dockerized Grafana and ELK stack via Jenkins and created multiple dashboards for monitoring infra, apps, databases, and logs along with metrics.
- Created CSR and maintained TLS for 100+ websites. Supported the development teams in the design and rollout of continuous delivery pipelines. I developed cloud-native platforms for the team along with system-level programming including scripting in Bash.

**Tech used:** AWS | Docker | Jenkins | Ansible | Java | Jfrog | Maven.

## **EDUCATION**

08/2016 – 12/2017

Masters in Computer and Information Sciences  
Northwest Missouri State University, Maryville, USA

## **LANGUAGE SKILLS**

English (C2) | Telugu (Mother tongue) | Hindi (C2) | Deutsch (A1, currently learning)

## **HOBBIES**

Homelab | Volleyball | Swimming | Adventure trips

