

Shashank Reddy Sunkara

Senior DevOps Engineer strong with AWS, Jenkins, Docker & Grafana and work experience in the US

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TECHNICAL SKILLS

AWS (4 years of project experience) | Azure (1) | Cloud Foundry (2) | Openstack (2) | Openshift (2) | ECS & EKS (4) | Jenkins (JCasC) (4) | TravisCI (1) | Github Actions (2) | GitLab (1) | Docker (Compose & Swarm) (4) | Kubernetes (4) | Ansible (4) | Terraform / Iac (4) | Microservices (4) | ELK (4) | Grafana (4) | Zabbix (4) | App Dynamics (3) | Sentry (2) | Redis cluster (4) | Kafka (4) | SonarQube (4) | Java (3) | Python (2) | Bash Scripting (4) | Databases (PostgreSQL / RDS) (4) | Nginx (4) | SysAdmin (4) | Network stack (4) | Jira (4) | Confluence (4) | Agile / Scrum (4) | ISO (1)

WORK EXPERIENCE

08/2022 – today

DevOps / SysOps Engineer
FFW, Hamburg, Germany

10/2020 – 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. I'm leading an agile team of 4 setting up, configuring, and securing 15+ AWS cloud services, laying stress on open communication, and providing continuous feedback. I improve, manage, and document end-to-end infrastructure, CI-CD pipelines, monitoring (servers + logs), security (infra + apps), compliance, and Data Loss Prevention measures. So far I have created 30 servers out of 45, 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 Iac 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 to process over 60m requests per day. Optimized processes and threads for a Python app based on uWSGI to provide more compute and throughput. Eradicated and secured (App + DB) 3 types of attacker viruses, files, and CRONs on 7 impacted prod and lower environment servers. Also successfully led a cloud migration project from Azure to AWS by using automated migration tools & manual setup within 3 weeks (critical deadline). Reduced VMs footprint from 75 to 31, following 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 | Hava | Endpoint Protector | 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 both 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. I 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. Coordinated and supported the collaboration of development and infrastructure teams. I designed, developed, and 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: For this 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 Information Systems

Northwest Missouri State University, Maryville, USA

LANGUAGE SKILLS

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

HOBBIES

Information Security | Volleyball | Equestrianism | Adventure trips

