

# Sunil Sankar

LINUX ARCHITECT · SRE/DEVOPS ENGINEER

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## Summary

Redhat Certified Architect with about 15 years of Experience. Subject Matter Expert in Cloud/Infrastructure/Monitoring/Devops/SRE. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

## Skills

|                                 |   |
|---------------------------------|---|
| <b>DevOps</b>                   | AWS, Docker, Kubernetes, Vagrant, Packer, Terraform, Jenkins, Gitlab, Openshift, AnsibleTower |
| <b>Virtualization</b>           | Xen, Vmware, KVM  |
| <b>Monitoring</b>               | Nagios, Op5, Prometheus, Grafana  |
| <b>Scripting</b>                | Bash, Python  |
| <b>Configuration Management</b> | Puppet, Ansible   |
| <b>Cloud</b>                    | AWS, Openstack, gcloud, Azure   |
| <b>BPM</b>                      | Pega  |

## Certifications

- ★ Certified Kubernetes Administrator
- ★ Azure Solutions Architect Expert
- ★ Certified Kubernetes Application Developer
- ★ Redhat Certified Architect
- ★ AWS Certified Solutions Architect – Associate
- ★ Vmware Certified Professional
- ★ Red Hat Enterprise Security: Network Services
- ★ Red Hat Enterprise Virtualization
- ★ Red Hat SELinux Policy Administration
- ★ Red Hat Certified System Administrator in Openstack
- ★ Red Hat Certified Directory Service and Authentication
- ★ Red Hat Certified Specialist in Ansible Automation

## Experience

### TATA CONSULTANCY SERVICES

#### Project - Rabobank

*Utrecht, Netherlands*

TECHNICAL ARCHITECT - CLOUD ENGINEER

*Mar 2023- till date*

- Setting up Azure Infra for Kubernetes
- Building and Managing Sandbox environments for Riskshield Developers
- Application deployment via ansible for kubernetes
- Managing Azure Infra
- Providing L3 level support for Linux Platform
- Lifecycle management of custom docker images

#### Project - Rabobank

*Utrecht, Netherlands*

TECHNICAL ARCHITECT

*Mar 2022- Mar 2023*

- Setting up Azure Pipelines and troubleshooting
- Building and Managing Sandbox environments for Riskshield Developers
- Building ansible custom modules for Riskshield platform
- Using Molecule docker podman to build ansible roles
- Providing L3 level support for Linux Platform
- Lifecycle management of custom docker images

### HCL TECHNOLOGY

#### Project - ING Bank

*Amsterdam, Netherlands*

SENIOR TECHNICAL SPECIALIST

*Oct 2021 - Mar 2022*

- Handling escalations and enhancement for Pega Platform.
- Autoremediation using Prometheus and Ansible.
- Work on improving the Pega Platform.
- Doing a POC on Openshift.
- SME for Linux, Ansible and Pega administrator
- Lifecycle management of Redhat and Pega.
- Automating Patch management.

## Project - ING Bank

Amsterdam, Netherlands

Jan. 2018 - Oct 2021

### TECHNICAL SPECIALIST

- Automating End to End Deployment of Pega Platform using ansible in Onprem and Cloud.
- Pega migration and upgrade from datacenter to cloud
- Complete end to end automation of Pega installation and monitoring.
- Provision infrastructure using terraform ansible
- Created oneclick deployment of Pega Installation and deployment with Ansible Tower.
- Managing and Maintaining Linux Infrastructure for Pega Platform.
- Automated monitoring using prometheus and grafana.
- Building CI/CD pipeline for pega deployment.
- Handling escalations and enhancement to the Pega Platform.
- L3 Level Support for Linux, ansible
- Manage the team and handle the escalations related to Pega Platform.
- Coordination with Network team and maintain high availability of Infrastructure across regions.
- Performing regular DR tests and lifecycle management of Linux Platform.
- Working on Kubernetes deployment for Pega
- Setup monitoring with Prometheus and Grafana
- Working on Azure Pipelines to deploy pega artifacts, ansible jobs and kubernetes deployment
- Data migration from onprem to Cloud

## COGNIZANT TECHNOLOGY

### Project - NN Insurance

Den Haag, Netherlands

Jun 2016 - Dec 2017

#### MANAGER INFRA OPS SPECIALIST

- Work closely with Project Management and Life cycle management teams to improve the security of Linux operating systems.
- Instrumentation of new puppet modules.
- Work on improving the build process of rpms.
- Handling Escalations and team management.
- SME for Linux and Puppet
- Automating regular tasks via scripts and puppet.
- Lift and shift of Vms from datacenter to the cloud.

### Project - NN Insurance

Den Haag, Netherlands

July 2015 - June 2016

#### SENIOR ASSOCIATE

- Building CI/CD pipe line with gitlab.
- Building and maintaining puppet infrastructure.
- Managing the gerrit server.
- Day to day troubleshooting of operating system.
- SPACEWALK,conceiving system and management policy,system and applications installation, and update.

### Project - Comcast Cables

Chennai, India

Nov 2013 - July 2015

#### SENIOR ASSOCIATE

- Instrument new tools, plugins for monitoring cloud, physical Infrastructure, scripts for automation, dashboards for NOC/Management teams
- Design and Implement Distributed and Load Balancing Monitoring Infrastructure using Nagios, Op5
- Instrument self-healing scripts for monitoring multiple Nagios instance and recovery them without the need of a on-call engineer.
- Implement best-in-class Monitoring tool based on the type of monitoring needs.

### Project - Comcast Cables

Chennai, India

Aug 2011 - Nov 2013

#### TECHNICAL LEAD

- Managing a virtual farm of around 10000 Vms and also providing monitoring solution
- Automated scripts for sending alerts
- Providing Tuning and enhancement of Performance enhancement for monitoring tools.
- Define and implement monitor procedures for all Windows servers using Nagios
- Configured load balancing and distributed monitoring

## PRECISION INFOMATICS

### Project - TransUnion International

Chennai, India

Mar 2010- Aug 2011

#### SENIOR SYSTEM ENGINEER

- Handled build deployment for CIBIL Applications.
- Point of Contact for Mortgage application CIBIL facing.
- Managing and Maintaining of Vmware Infrastructure .
- Configure Packages from source to prevent the packages from being OS dependent.
- Tuning the Virtual Servers for optimum performance.
- Implementing and fixing security finding on Linux Platform and application server.

### Project - D & B TransUnion Analytics and Decision Services Private Limited.

Chennai, India

Mar 2008- Mar 2010

#### ASSOCIATE CUSTOMER SUPPORT ENGINEER

- Adding scripts and enhancments for both windows and linux platform.
- Managing and Maintaining of Infrastructure in Vmware.
- Patching windows and linux servers.
- Building and maitaining postfix mail server.
- Configuring and maintaining Nagios server.
- Building custom plugins for Nagios server.

## BEYCIX CORPORATION

### Project - Internal IT

SYSTEM ADMINISTRATOR

- Handled postfix mail server
- Managing Active directory users
- Handled network related issues

Chennai, India  
Mar 2007- Mar 2008

## Education

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### Birla Institute of Technology and Science

MTECH SOFTWARE ENGINEERING

Pilani, Rajasthan  
2014

### KCG College of Technology(Anna University)

BE IN ELECTRONICS AND COMMUNICATION

Chennai, TamilNadu  
2007

## Honors & Awards

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|------|--|-------------|
| 2022 | <b>Achievers League</b> , Hcl Technology               | Netherlands |
| 2021 | <b>Achievers League</b> , Hcl Technology               | Netherlands |
| 2021 | <b>Sales Hero</b> , Hcl Technology                     | Netherlands |
| 2019 | <b>Top Performer</b> , Hcl Technology                  | Netherlands |
| 2018 | <b>Consistent Performer</b> , Hcl Technology           | Netherlands |
| 2014 | <b>Associate of the quarter</b> , Cognizant Technology | India       |
| 2013 | <b>Customer Champion</b> , Cognizant Technology        | India       |
| 2011 | <b>Script Automation</b> , Precision Infomatic         | India       |