

# Sunil Sankar

LINUX ARCHITECT · SRE/DEVOPS ENGINEER

68, Parkwijkstraat, 1326 BT , Almere

✉ (+31) 686234192 | 📩 sunil@sunkar.cc | 🗂 sunilsankar | 🌐 sunilsankar

## Summary

Redhat Certified Architect with about 18 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

TECHNICAL ARCHITECT - CLOUD ENGINEER

- Deploying application on azure app service
- Setting up Azure devops pipeline for application deployment
- Setting up Azure Infra for Kubernetes
- Building and Managing Sandbox environments for Riskshield Developers
- Application deployment via ansible for kubernetes
- Migrating Onprem to Azure AKS Cluster
- Providing L3 level support for Linux Platform
- Lifecycle management of custom docker images and AKS upgrades

#### Project - Rabobank

TECHNICAL ARCHITECT

- 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

Utrecht, Netherlands

Mar 2023- till date

SENIOR TECHNICAL SPECIALIST

- 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.

Utrecht, Netherlands

Mar 2022- Mar 2023

## **Project - ING Bank**

*Amsterdam, Netherlands*

### **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

*Jan. 2018 - Oct 2021*

## **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 recover 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 enhancements for both windows and linux platform.
- Managing and Maintaining of Infrastructure in Vmware.
- Patching windows and linux servers.
- Building and maintaining 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	<i>Netherlands</i>
2021	<b>Achievers League</b> , Hcl Technology	<i>Netherlands</i>
2021	<b>Sales Hero</b> , Hcl Technology	<i>Netherlands</i>
2019	<b>Top Performer</b> , Hcl Technology	<i>Netherlands</i>
2018	<b>Consistent Performer</b> , Hcl Technology	<i>Netherlands</i>
2014	<b>Associate of the quarter</b> , Cognizant Technology	<i>India</i>
2013	<b>Customer Champion</b> , Cognizant Technology	<i>India</i>
2011	<b>Script Automation</b> , Precision Infomatic	<i>India</i>