

Nellore Vinod Kumar

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## **Profile Summary:**

- Have extensive 5+ years of experience as Associate Site Reliability Engineer (SRE) and production & Infrastructure Support analyst experienced and Skilled at providing beneficial IT support to clients, creating monitoring, and testing solutions, developing automation tools and services, and analyzing the security of websites and mobile applications. Effective communicator with a deep passion for technology, strong analytical skills, and ability to perform well in a team.
- Extensive experience on infrastructure and Application support
- Experience in ITIL Best Practices including problem, incident, and change management
- Working as a deployment engineer and do the manual deployments in on-prem.
- Experience in web application performance baselining, analysis, tuning, capacity planning and demand forecasting and infrastructure provisioning.
- Good experience on administering control-m jobs.
- Worked with OpenShift platform in managing Docker containers and Kubernetes Cluster.
- Work experience on continuous delivery (CD) system with multiple component pipelines using Jenkins and azure to support weekly releases and out-of-cycle releases based on business needs.
- Extensive hands-on experience in on-prem and Cloud monitoring and setting up multiple clusters and implementing Load Balancing between nodes, High Availability and Failover functionality, disaster recovery (metro clustering).
- Good experience in configuring and managing secured environments using SSL and digital certificates.
- Working knowledge on Hadoop Distributed File System (HDFS).
- Working with Cloudera manager tool as data analyst on Big Data Ecosystem (HDFS, Hive, Hue, Yarn, HBase, Flume, Kafka, Zookeeper) monitoring health of clusters and Batch cluster and Hosts and filers. Diagnosing the Logs and Events and Server logs,
- Good understanding of distributed systems and data pipelines such a Kafka, AMQ and Rabbit MQ.
- Good experience on ETL and Non-ETL(MapReduce) Jobs scheduling and triggering, monitoring, and backfilling using pentaho data integration spoon tool,
- Production Support -- Managing production deployments in terms of software deliveries and overnight activates carried out through ITIL change management process.

- Experience in upgrading the application servers in on-prem and cloud Apache Tomcat server versions 8.X to 9.X & Web logic server 9.x to Web logic 10.x.
- Experience as part of a 24x7 process, and available for On-Call if in case escalations,

## EXPERIENCE HIGHLIGHTS

- Previously working as Senior Site Reliability Engineer in **UST-GLOBAL** Bangalore from Jun-2018 To till Date.

## Technical Skills:

Operating Systems	Windows, UNIX, Linux, Mac,
Middle administration	Oracle Web logic Server, Apache web server, WebLogic 11G, Managed File Transfer (MFT)..
Database Management	My SQL, Robo Mongo.
Working App Areas	Java, .Net, python, Desktop/Mobile Applications.
Core technologies	Core Java, Shell Scripting, YAML, SaltStack,
Cloud Technologies	NPC, OpenShift, Azure,
Monitoring Tools,	Icinga, Grafana, AppDynamics, Apica, Splunk, Zenoss,
Other Utility Tools	OpsGenie, Coloudera, ServiceNow, Putty, Super Putty, WinSCP, MQ Visual Edit, VM Horizon Client, Oracle SQL developer, Aspera, HP Opsware, JIRA, Pentaho.

## Employment and Work History:

### Project #1

Project name	NETAPP GTM Prod OPs
Client	NETAPP, USA
ORGANIZATION	UST GLOBAL
Domain	DATA STORAGE
Role	Site Reliability Engineer (SRE) & Production Support Analyst.
Period	Aug-2018 to TILL DATE

## **ROLES AND RESPONSIBILITIES:**

- Understanding the existing application functionality from client interaction.
- Involved in the project handover to different vendors and planned the KT management.
- Given reverse KT on the assigned application to the client and prepared documents during the KT period.
- Assist with development and implementation of SRE solutions for large scale distributed web applications across multiple tiers and data centers
- Administering control-m production jobs as per the dataflow requirements.
- Implemented, tested and monitored microservices in the on-prem datacenter cloud environments. Performing continuous delivery CD of new microservices, on-demand trouble shooting of large-scale deployment issues on Linux systems. installation, integration, and deployment for Middleware services on privately hosted and public clouds, including OpenShift clouds.
- Schedule and Attending weekly meetings with Product owners and engineering manager and development teams to discuss on upcoming squad's and release roadmaps.
- Assist in the Development Priority List process working with Product Management group to address issue identified as part of Problem Management
- Provide solutions for performance management, disaster recovery, monitoring and access management
- Work/support business users to understand issues, root cause analysis and work with the team for the development of enhancements/fixes
- Provide engineering design across different workloads including incident & problem management, change management, security, and compliance
- Improve security and performance of infrastructure by working with other teams
- Work with and lead other members of the team to work on value adds for the application.
- Serving as a Subject Matter Expert for my current application with the functionality integrated tools like Aspera, MFT and large data automation processing.
- Upon getting the deployment request in STAGE and deploying and performing rolling restart of Ec2 instances and other on-prem server deployments.
- Using splunk tool and analyzing the application logs to root cause the issues.
- Weekly archiving the data files in the on-prem servers to saving the space.
- Updating data in the DB tables manually as a workaround upon the business team request in oracle SQL developer.

- Creating the JIRA's for the bugs/defects/errors with RCA and assigning to Development team to fix those.
- Working in Corp IT & ENG IT MFT tools in root causing the issues and to make sure proper workflow of the application between environments.
- Report and send notifications on kind of infrastructure On-Cloud outages to the product owners and engineering directors and application users.
- Significant key role played on server migration from on-prem to cloud and identified some of code compatibility bugs and resolved such bugs making it migration as smoother, on this migration got many appreciations from client product owners and engineering directors.
- As followed Change Management, Crating RFC's (Request for Change) to align with production deployments to deliver the new code.
- Create Emergency RFC's to address on P1 issues or infrastructure issue fixes, also create child RFC's to address and cover the emergency production changes upon Incidents and tagging to those to pre-approved RFC's.
- Working with Cloud Core teams to resolve the outage issues on the applications.
- Experience as part of a 24x7 process, and available for On-Call if in case escalations,

#### **QUALIFICATION SUMMARY:**

- B-Tech from JNTU Anantapur university,
- 12<sup>th</sup> from Intermediate board of Andhra Pradesh.
- 10<sup>th</sup> from SSC board Andhra Pradesh.

#### **WORKSHOPS/TRAINING PROGRAMS ATTENDED**

- ITIL V2 :UST GLOBAL Internal Training
- ITIL V3: completed Netapp WBT

#### **Personal Details:**

Name as per Govt Proofs	: Nellore Vinod Kumar
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Marital Status	: single
Nationality	: Indian
Sex	: Male.