***CURRICULUM VITA***

**Vinod Kumar**

**DevOps Engineers**

**Concentrix**

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**About myself:-**

To work with Progressive origination and seek a challenging career which nourishes my passion to excel by grabbing

The opportunities to learn New technologies, accept newer and higher responsibility and thereby enhance and sharpen my creatives and analytical skill for the benefit of the organization and even myself

**Summary of skills: -**

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| Terraform | 🡪 | infrastructure as code |

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| Operating System | 🡪 | Linux (Ubuntu & CentOS & Red hat) |
| Virtualization | 🡪 | Docker & Kubernetes, Xen |
| Infra and Application Monitoring | 🡪 | Victorops, Nagios & Prometheus |
| Cloud Infrastructure | 🡪 | AWS, EC2, ELB, Auto Scaling, S3, CloudWatch, Cloud Trail, IAM, VPC. SNS, Lambda, AWS CLI, Session Manger Cost Optimization code deploy, Guard duty, Server migration service(SMS) etc. |
| Version Control System | 🡪 | Git |
| Configuration Tools | 🡪 | Ansible |
| CI/CD Tool | 🡪 | Jenkins |
| Website Certificate creation and renewal | 🡪 | Managing DNS server and Website Certificate on all server up to date |
| Database | 🡪 | MySQL 5.7 |
| Webserver | 🡪 | Apache, Nginx |
| Application Server | 🡪 | Wildfly & Tomcat & Broadvision |
| Micro-Services | 🡪 | SonarQube, Redis, Ignite, Kafka, Binary service, Druid, NiFi etc. |
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**Certification Earned**

   

**Professional Experience**

1. **Beetsoft PVT LTD.**

Designation: Linux System AdminDuration**: - 01-01-2014 to 5-May-2014**

1. **Concentrix**

Designation: Jr. DevOps EngineersDuration**: - 5-MAY-2014 to till Now**

* **Database regarding responsibility**:--Installation, taking backup, User creation delectation, Managing permissions. Executing dump, Running query, triggers and procedure.
* **Wildfly regarding responsibility**:-- Installation, Configuration, tuning the application server i.e. Wildfly & Jboss. Mange the application server like clustering the server in standalone mode, parameter tuning as per our Application requirement, resolved the vulnerability, enable the management console and Jconsole to monitor java thread, memory & server behavior .Using administrator console and monitoring. Deployment log monitoring and providing to development team.
* **Web server regarding responsibility:--**Installation, Configuration and troubleshooting of Web server i.e. Apache server mange the Web server like enable the mod\_jk module, mod\_http2, mod\_ssl, mod\_rewrite, load balancing, integration with application server, tuning the worker, host the multiple domain, log rotation, hardening the parameter, JK status & server status configuration, disable the vulnerable parameter,
* **Firewall regarding responsibility**:- Managing user like user addition, deletion and add to groups.

Or creating groups. Web filtering, bandwidth monitoring, backup activity, to making private ip to public ip ,to create vpn tunnel or making polices, password set and reset. virtual ip management and monitoring.

* **Network regarding responsibility:-** Resolving lease line regarding issue and Internet regarding issue, monitoring bandwidth, resolving ip confliction issues.
* **Scripting regarding responsibility:--** Creating scripts like auto deployment ,backup scripts automatic service startup and creating more scripts according to project requirement.
* **AWS regarding responsibility:--** Manage the AWS account of TechTree, i.e. IAM, EC2 instance creation, VPC, Security Group, Template creation, load balancer, Auto Scaling Group, Instance backup, Volume Snapshot, Cloudwatch, Billing account, S3 Storage & Application services (SNS).
* Architect and design the Production Server, UAT Server & Development Server on Physical & AWS environment.
* Installation, Configuration, hardening & tuning of tools and utility to deploy the application to Production Server.
* Manage and automate the Production server deployment, Monitoring, backup & troubleshooting process with DevOps tools.

**DevOps tools regarding responsibility:-**

* Installation, configuration & troubleshooting of Version Control System i.e. Gitlab also Manage the user access process, Project repository & continuous integration with DevOps tool like Jenkins & Jira.
* Installation, configuration & troubleshooting of automation tools like Jenkin to manage the job creation, deployment, report generation, testing with sonarqube, db. backup & email notification for live project.
* Installation, configuration of testing tool like SonarQube and interaction with each stage i.e in eclipse, & Jenkins.
* Installation, configuration of load testing tool JMeter also executes the .jmx query to test the server load & generate the report with jenkins.
* Installation, configuration of tool to manage the maven repository central and integrate it with eclipse.
* Installation, configuration of monitoring tool i.e. Nagios and Prometheus.
* Work with developer as per devops approach to make the process automate and easy like, JNDI implementation, Application server customization; fix the bug from web and Application server parameter configuration changes.
* Configuration of tools for developer like eclipse, git, java, Wildfly, Jboss, SoapUI, MYSQL, Android studio and many more.
* Installation, Configuration and troubleshooting of various flavors of Linux on physical & AWS.
* Installation, Configuration and troubleshooting of NTP server, Samba server & NFS etc.
* Monitor the all server (Application, Web & cache Server)log files and log information of Production server.
* Monitoring tools :- Nagios ,glance, Prometheus.

**Job Responsibility:-**

* System level and network level monitoring.
* Troubleshooting and Checking health of servers checking processes and applications running on server, checking file system/memory/CPU utilization of server.
* Installation of Linux Operating Systems, and client-based applications.

**>>**File system Management, Browsing the file system, Mounting, Backup & Restore the file.

**>>**User Management, Linux Groups & Permissions, Special permissions and executables, Changing Ownerships, hard link and soft link.

**>>**Process management using ps, top, iostat, vmstat & Job scheduling using corn.

**>>**Managing storage device, LVM,Swap space.

**>>**Package Management (RPM, YUM).

**>>**Managing Network Client, Selinux (Enforcing, Permissive, Disabled), IP Forwarding.

**>>**Manage all Linux major servers such as Web Server, DNS, IPTABLES, FTP, NFS, SAMBA).

**>>**Network connectivity troubleshooting for web-based applications using PING, TELNET.

**>>**Taken the daily, weekly and monthly backups with TAR.

**>>**Log messages analysis.

**>>**Coordinating with the team to provide good quality of service.

**Declaration:**

I hereby declare that the information provided here are correct to the best of my knowledge.

**Place: Gurgaon**

**Date: (*Vinod kumar*)**