

Vineet Kumar
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PROFILE SUMMARY

- **11+** years of experience in the Software industry.
- Currently working with Aurion Pro Solutions Limited.
- **Red Hat Certified Engineer** in RHEL 7 with certification ID: 160-151-692 in 2016
- **Red Hat Certified System Administrator** in RHEL 7 with certification ID: 160-151-692 in 2016
- Skills in Apache Virtual Host management, Apache and MySQL tuning on Linux environment.
- Installing and updating packages using YUM (custom YUM servers/repositories) and RPM.
- Administration of users and groups, create/delete user accounts, manage user rights & Permissions.
- Installation and configuration of file sharing servers (NFS)
- Experience in Cloud VM creation and management such as Digital Ocean, Amazon
- Proficient in Linux Utilities: KICKSTART, SSH, FTP, AUTOFS, Quota Management, User Management, Process Management, Memory Management, and Log Management, Package Management, Disk Management and Swap Partition/Files Management
- **Writing Playbooks in Ansible** to Configuring, Automating and Deploying for configuration management to existing Infrastructure.
- Environment provisioning solutions using **Docker/Kubernetes/Rancher**.
- **Excellent Linux skills** of Operating Systems (RHEL 6/7,Ubuntu ,CentOS).
- **Hands on experience** with KVM/QEMU.
- Experienced in installing and configuring the **Open Stack Cloud in Multi node**.
- **Kernel upgradation** in Linux.
- Creating the Physical Volumes, Volume Groups, Logical Volumes.
- Configuring and managing the volumes in **Open Stack cloud usingLVM**.
- Managing Open Stack services like **Nova, Neutron, Keystone and Glance through CLI**.
- Creation and managing of projects and users in Open Stack cloud.
- **Image Conversions** from .iso to .qcow2, .img format using virt tools.
- Deploying different images and providing access to respective users.
- Presented paper on "Cloud Computing" at Bathinda (Punjab) on Jan 2011.
- International Journal Publish on "Cloud Computing " on March 2011

TECHNICAL PROFICIENCY

Operating Environments	Ubuntu, RHEL7,RHEL6, Windows, iOS
Programming Languages	C/C++, PHP, JAVA, JS
Scripting Language	Shell Script, PHP, Python .
Cloud Technologies	VM Ware ESX/ESXi, Docker , Amazon AWS/EC2, Xen, Vagrant, OpenShift, OPEN STACK CLOUD , Kubernetes/Rancher .
CMS	Drupal, WordPress
RDBMS	Oracle, SQL,MS SQL, MySQL, PLSQL, No-SQL, MongoDB, Couch DB, DB2, Postgress
Web Server	Apache, Nginx, JBOSS
Mail Servers	SendMail , Postfix
Installation and Configuration	Oracle Virtualbox, Apache Virtual host, MySQL, Server hardening, Version Control, DOCKER, Ansible, OPEN STACK .
Version Control	GIT, SVN
Monitoring Tools	Nagios, Zabbix, Cloud watch, Splunk, AppDynamics, SCOM, Grafana, Collectd, Grafite, Kibana
Network/ Infrastructure	TCP/IP, DNS, DHCP, LDAP
Testing tools	Junit, JMeter, DBUnit
Automation/Build Tools	Jenkins, Docker, Puppet, Ansible.

PROJECTS UNDERTAKEN

1. AurionPro Solutions Ltd (<https://cloud.gov.in>)

- Create **Kubernetes** cluster using rancher
- Create a **Pipeline** to build and deploy the code in kubernetes cluster
- Create private gitlab server and docker registry to implement the DevOps environment
- Monitoring and logging of pods under kubernetes cluster
- Deploy images into glance

2. Velocis System Pvt Ltd (<http://mod.gov.in>, <http://ddpmod.gov.in>, <http://pmindia.gov.in>, <http://vicepresidentofindia.nic.in>, <http://mdws.gov.in>, <http://naco.gov.in>, <http://taxmin.gov.in>, <http://wcd.gov.in>, <http://civilaviation.gov.in>, <http://taxmin.nic.in>, <http://pharmaceuticals.gov.in/> , <http://yas.nic.in>, <http://chemicals.nic.in/> , <http://dhr.nic.in>, <http://dahd.nic.in> and 50+ Drupal websites)

- Install new / rebuild existing servers and configure services, settings, directories, storage, etc. in accordance with standards and project/operational requirements.
- Research and recommend innovative, and where possible automated approaches for system administration tasks.
- Configure CPU, memory, and disk partitions as required
- PHP, MySQL, Drupal, Drush, Memcached and mail server(Postfix) environment creation on VM
- Syslog Server creation and administration.
- Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
- Troubleshooting Backup and Restore problems Creation of LVMs on SAN using Linux utilities Monitored overall system performance, performed user management, system updates and disk & storage management Environment: Red Hat Enterprise Linux, Shell Scripting, Apache.
- Troubleshooting Drupal/WordPress core update and Installation issues.
- Cron Scripts take DB backups and flush caches .
- **Server hardening** and Deployment of application as per OWASP guidelines.
- Implementation and troubleshooting of network services like NFS, FTP, NTP, Telnet, SSH.
- Provided customer support, help/troubleshoot users to resolve server, network, and other system wide problems.
- Installed packages using YUM and Red Hat Package Manager (RPM) on various servers.
- Perform ongoing performance tuning, hardware upgrades, and resource optimization as required.

3. **CIC-RTI(<http://rtiadmin.nic.in/>, <http://rti.india.gov.in>, <http://cic.gov.in>)**

- A citizen centric portal to provide RTI services online
- Three modules :
- RTI-Portal - To enable citizens to submit complaint and appeals.
- RTI-Admin - Admin panel to view and update status of submitted RTI.
- CIC-Portal - Single window to get Central Information Commission related information.
- Develop new modules in PHP
- Development of modules, bug fixes and technical documentation.
- Developer's environment creation for the team, Stack includes GIT, Mysql and Apache.
- Maintain Development, Staging and production Web Servers.
- Installation of Database servers and user's management such as MYSQL.
- Developed Unix Shell scripts for regular and periodic jobs and also for system admin jobs.

4. **DRONA (DRDO Rapid Online Access System)**

- An in house project to track the progress of project running in the organization

- RHEL installation and environment creation .
- Backing up and restoring files across the network Wrote Technical documentation for various projects and worked with Technical writer to finalize the documents.
- Troubleshooting Backup and Restore problems Creation of LVMs on SAN using Linux utilities Monitored overall system performance, performed user management, system updates and disk & storage management Environment: Red Hat Enterprise Linux, Shell Scripting, Apache.
- Server hardening and Deployment of application.
- Wrote CRON scripts for regular backup and restore.
- Performed OS upgrades and Patch loading as and when required.

5. FREEWILL (<http://www.freewill.vision/>)

- Freewill is a social networking platform to share free time, secure free goods and realise visions.
- Responsibility includes Deployment on Amazon VMs located at geographically different location to achieve HA.
- Server maintenance to check for available resources and resize resources if required.
- Ensure Data Center operation meets required service levels.

6. BICON PORTAL(<http://www.biconlabs.com/>)

- Biconlabs is leading Business intelligence and App development Company. Project was to deploy web portal developed on WordPress CMS on Amazon Cloud.
- VM creation on Amazon Cloud.
- PHP, MySQL and mail server environment creation on VM.
- WordPress Installation on cloud EMI.
- Cron Scripts for System backup and Restore.

PROFESSIONAL EXPERIENCE

Period	Employer	Location	Designation
Mar'19 - Mar'21	AurionPro Solutions Ltd.	Delhi, India	Senior DevOps
Nov'15 - Mar'19	Velocis System Pvt Ltd	Delhi, India	Sr. Team Lead
Nov'11 - Nov'15	Central Information Commission (NIC/CIC)	Delhi, India	Sr. Software Engineer
Mar'10 - Nov'11	Defense Terrain Research Lab (DRDO)	Delhi, India	Software Engineer
June'09 - Mar'10	BiconLabsPvt. Ltd.	Noida, India	Software Engineer

EDUCATIONAL BACKGROUND

Standard	University	Institution	Year
Bachelor of Technologies (Computer Science and Engineering)	Uttar Pradesh Technical University, Lucknow, India.	I.M.S. Engineering College, Ghaziabad, India	2004-2008
Master of Technologies (Computer Science and Infrastructure)	BITS Pilani Rajasthan	BITS Pilani Rajasthan	2019-2020

PERSONAL DETAILS

Name	Vineet Kumar
Blood Group	B+
Father's Name	Mr. Keshav Kumar (DOB: 15-02-1950)
Mother's Name	Mrs Premshila (DOB: 01-01-1955)
Date of Birth	07th March 1986
Permanent Address	96 MIG Barra -2 Sector 4 Kanpur (UP) 208027
Nationality	Indian
Gender	Male
Current Location	Delhi (NCR)
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