

CURRICULAM VITAE

BHARAT BABBAR

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Career Objective

Cloud technologies used to manage, configure and automate task seeking a varied and challenging DevOps Engineer position requiring new and creative applications of technology to solve functional problems

Professional Experience

I have 7+ Years of experience in the field of IT Industry, seeking a position in an environment which emphasizes teamwork and encourages learning by doing.

Employment History

Sr. DevOps Engineer

Varaisys Pvt. LTD.

March 2021 to Till now

Noida, Uttar Pradesh

Activities/Tasks Performed:

- Experience in Linux 5.x/6.x/7.x system design and VM server infrastructure design and Implementation, support, tuning, and troubleshooting.
- Experience in Google Cloud Platform, PAAS/IAAS setups, VPC networking and Core Infrastructure.
- Experience in designing a **Terraform** and deploying it in cloud deployment manager to spin up resources like cloud virtual networks, **Compute Engines** in public and private subnets along with **AutoScaler** in **Google Cloud Platform**.
- Experience in Ansible server and nodes on Linux server, Experience in Ansible setup and in creation of playbooks, Roles and deployment playbook on nodes from Ansible server, GCP server provision using Ansible with basic requirements.
- Experience with Continuous Integration / Continuous Delivery using modern DevOps tools and workflows such as git, GitHub, Jira, Gitlab and Jenkins
- Hands on experience in setting-up Jenkins on docker standalone and on application server and in writing jenkinsfile pipeline in groovy language with dynamic conditions of variable declaration including Maven to build, integration of Terraform and Ansible for provisioning the instances from scratch.

Activities/Tasks Performed:

- Hands on experience in setting-up dockerized and standalone Gitlab server and Gitlab runner on Linux server, in setting up webhooks, variable in Gitlab, in creation of pipelines for provisioning infrastructure, created pipelines for binary(C++) compilation in multiple variants through Docker (/dev/dri used GPU of AI/ML) to deployment.
- Handling the tickets and providing the solution of problems or queries sent by user and updating the standard operation processes on the portal (Redmine).
- Setup Red Hat Satellite server with subscription manage multiple capsule servers, managed patching through it.
- Using Gitlab CICD on docker containers apart from this I have setup Triage bot on Gitlab which runs on ruby, to assigning labels as per rules and policies, along with Gatsby.
- Making routine tasks automatic, for this I have written shell scripts and Ansible playbooks.

System Analyst**Vehant Technologies Pvt. LTD.**

Jan 2019 to March 2021

Noida, Uttar Pradesh

Activities/Tasks Performed:

- Managing and troubleshooting of servers like - NFS, Samba, Storage (ISCSI and LVM), Postgresql and PXE (wireless).
- Testing, research and development of new tools or scripts for automating the daily activities, besides it, source compilation for the product in order to make it compatible with non-specific operating systems.
- Handling the tickets and providing the solution of problems or queries sent by user and updating the standard operation processes on the portal (Redmine).
- Involved in build and release for CICD process using Gitlab.
- Setup Gitlab-runner on docker-swarm nodes for the high level of availability
- Using Kali Linux for penetration testing of our servers after every modification in any application or as per requirement.
- Using Gitlab for repositories and using CICD process for testing and compilation of code with developers.
- setting-up Gitlab server and Gitlab runner on Linux server, in setting up webhooks, variable in Gitlab, in creation of pipelines for provisioning infrastructure, created pipelines for binary(C++) compilation in multiple variants through Docker to deployment.
- Making routine tasks automatic, for this I have written shell scripts and Ansible playbooks.

IT Executive

E2E Research services Pvt. LTD.

May 2014 to Dec 2018,
Delhi, India

Activities/Tasks Performed:

- Handling Red Hat Enterprise Linux Server.
- Involved in managing access-list giving the rights & permissions to the users to use internet facility by firewall.
- Manage Users and Groups Management on production servers.
- Troubleshooting all networking problems to ensure minimum downtime & maximum availability.
- Handling Cyberoam CR50iNGfirewall for inbound and outbound protection in network and created few rules to customizing web and apps filters.
- Managing artifactories SVN Repositories for users and provide help in shell of GitBash as well.
- Managing Backup and Restoration process for users using WD NAS, Providing Remote Block Storage by iSCSI and Providing File Based Storage by NFS.
- Managing antivirus server to protect the data from malwares and other attacks.
- Handling LAN on Switches Routers & Access Point (UI Mode).
- Configuring email clients like:- Ms Outlook, Outlook Express, Windows Live Mail and Thunderbird.
- Extending high-end technical support on various Servers and ensuring high user satisfaction levels through prompt solution to their problems.
- Systems and network management, Internet infrastructure, TCP/IP, networking technology, Red Hat Enterprise Linux, workstations and having good knowledge of Microsoft Windows and Windows Server 2012 R2, AD, Policies Management and Office 365 Portal.
- Handling the tickets and providing the solution of problems or queries sent by user, add the complaint to the FAQ and use the chat process with users and coordinator to get more clarifications about problems if required.
- Troubleshooting the various issues through Remote Control or SSH.
- Data recovery from Hard Disk Drive, Smart-phones, & USB Drives.
- Complete troubleshooting and repairing of all kind of Laptops and Computers (Card Level) handling hardware & OS level issues.
- Maintenance / Troubleshooting of computer networking in LAN, WAN etc.
- Handling Installation of all types of printer scanners and other Hardware devices.

Technical Skills:

Languages:	Basic C++ Programming.
Scripting Languages:	Shell Script, Terraform, Ansible, Groovy
Operating Systems:	UNIX/Linux Kernel 2.6/3.0x/4.0x,solaris, Redhat - 5/6/7, Suse, Ubuntu. centos, Windows XP/7/8, 200{3..12} AD
Technologies and frameworks :	Google Cloud Storage, Google AppEngine, and Google Compute Engine Apache web server, Jboss Tomcat, Coherence.
Linux Distribution:	Redhat, HP Linux, Oracle Linux, Centos, Fedora, Ubuntu, Ubuntu-LDxE (Lightweight X11 Desktop Environment), SliTaz, Tiny Core, Suse.
Virtualization	VMware Player, Virtual Box, Docker, Docker-Swarm and Kubernetes
Case Management	Jira, GitLab and Redmine
Utilities/Tools	Jenkin, Puppet, Nagios, GNU Toolchain, Make, CVS, SVN, GIT, Keynote, Cacti, Soasta, Omniture, splunk. SysStat, ExtraHop, Oracle Enterprise Manager
Security	Metasploit, Sqlmap(SQL injection), Nmap, Wireshark, Nessus, and hping3.
Monitoring	Monit, Zabbix, Netdata, and GCP monitoring tool.
Logs Management	Elasticsearch, Lostash / Fluentd and Kibana(ELK / EFK) (dockerized and on the base machine) , Splunk.
Server Performance Tuning	Ad-hoc utilities like iostat,netstat, vmstat, top, sar to collect information on system activity and generate reports to observe Disk, CPU, Swap and network subsystems.
Content Managers	Confluence, Gitlab Pages, and Next Cloud
Artifact Repositories	GitLab(release), Jenkins itself Sonatype Nexus, Docker Hub Registry, Google Container Registry(GCR) basic FTP and web hosted

Educational Qualifications

10th

12th

A+ & N+ from IIHT

MCITP from CCM on Windows Server 2012

Red Hat Certified System Administrator (Certification ID: [180-139-180](#)) Red Hat Certified Engineer (Certification ID: [180-139-180](#))

BCA from Alagappa University Karaikudi, Tamil Nadu.

Achievements

- Got employee of the month award for an excellence performance.

Personal Details

- Date of birth : 28 November 1992
- Nationality : Indian
- Religion : Hinduism
- Father's Name : Late Sh. K.R Babbar
- Languages known : Punjabi, English and Hindi
- Interests : Learning, Gaming, GPU, crypto, Playing Cricket, listening to music.
- Strengths : Patience, Adaptability, Creativity, Like challenges Team Player, Quick learner.

About Myself

I believe in knowledge, sincerity and smart work. I perform my work in a very organized and Systematic manner and always try to get a positive output.

Place:

Date:

Bharat Babbar