

# Jayanth Sagar

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## EXPERIENCE

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### LINUX/UNIX Systems Engineer

VLEAD(Virtual labs Engineering and Architecture Division), India.  
Nov 2013 - Present

- Servers configuration management via Ansible.
- Developed Nagios and Rsnapshot server and client roles for Ansible.
- Clustering and maintaining nodes of three different clusters.
- Monitoring nodes of clusters via Nagios (NRPE).
- As an Operations engineer patched and updated servers.
- Involved in design and implementation of Linux-based Virtual-labs hosting infrastructure.
- Focused on automation, integration, monitoring and configuration management.
- Monitored developed applications and fixed bugs.
- Setup and administered firewalls using Iptables.
- Worked on Virtualization platform for creating, maintaining, testing and debugging of virtual labs on VMs created using OpenVZ.
- Configured and managed virtual labs servers present at IIIT data center.
- Tested virtual labs behavior on the cloud using AWS.
- Involved in testing and deployment of ADS(Automated Deployment Service ) an automated deployment framework for virtual labs.

## EDUCATION

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### Bachelors in Information Technology - Jun 2013

Aggregate 71%,  
Annamacharya Institute of Technology and Sciences,  
Tirupati , Andhra Pradesh

### Intermediate or (10+2) - Apr 2009

Aggregate 87.2%,  
Sri Ranganatha Junior College  
Tirupati , Andhra Pradesh

### Secondary School Education - Apr 2007

Aggregate 87%,  
Chaitanya English Medium High School,  
Tirupati , Andhra Pradesh

## SKILLS

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Linux/Unix  
BSD(basics)  
Shell scripting  
Python scripting  
openVZ virtualization tool  
Ansible Configuration management  
AWS - EC2  
AWS cli  
Boto AWS python API  
Apache2 web server&Reverse proxy  
Bind DNS  
Squid web caching&Forward proxy  
Nagios monitoring  
Rsnapshot backup tool  
Iptables firewall  
Git version control

## ACTIVITIES

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Organizer at **TEDx Tirupati**  
Participated in **ACMICPC-2012**

## INTERESTS

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OpenSource tools and technologies,  
Traveling,  
Birding,  
Gaming,  
Photography.

## REFERENCES

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Github Handle:  
[Github.com/jayanthsagar](https://github.com/jayanthsagar)

Blog:  
[JayanthSagar.github.io](http://JayanthSagar.github.io)

Virtual-labs website:  
[Vlead.vlabs.ac.in](http://Vlead.vlabs.ac.in)