

Jayanth Sagar

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Cloud Operations Engineer with expertise in Amazon Web Services and Linux administration.

EXPERIENCE

Cloud Operations Engineer

Fission Computer Labs, Hyderabad, India.
Nov 2015 – Present

Client : Leaf Wearables

- Provisioned Application and DB stack using AWS CloudFormation.
- Configured Autoscaling on Application stack by setting CloudWatch metric on CPU utilization.
- Configured Elastic load balancer between Application servers on production.
- Configured Jenkins CI tool and jobs with AWS cli for application deployments.
- Setup and configured Nagios and monitors on instances.
- Configured and setup MongoDB replication across multi AZ as well as multi regions on AWS.
- Supported client with server specific installations and configurations.

Systems Engineer

VLEAD(Virtual labs Engineering and Architecture Division), India.
Nov 2013 – Nov 2015(2 years)

Responsibilities:

- EC2 Instances configuration management via Ansible.
- Developed Nagios and Rsnapshot server and client roles for Ansible.
- Setup three clusters QA, Staging(Baadal) and Production(AWS) using Ansible.
- Clustering and maintaining nodes of three different clusters.
- Monitoring nodes of clusters via Nagios (NRPE).
- Involved in design and implementation of Linux-based Virtual-labs hosting infrastructure.
- Setup and administered Fail2ban and firewalls using Iptables.
- Worked on Virtualization platform for creating, maintaining, testing and debugging of virtual labs on OpenVZ Containers.

EDUCATION

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

Linux(Debian&RedHat)
Shell scripting
Python scripting
Jenkins CI
openVZ virtualization tool
Ansible Configuration management
AWS Services
AWS cli
Boto AWS python API
Apache2 web server&Reverse proxy
Nagios monitoring
MongoDB administration
Rsnapshot backup tool
Iptables firewall
Git version control

ACTIVITIES

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

INTERESTS

OpenSource tools and technologies,
Virtualization,
Docker,
Traveling,
Birding,
Photography.

REFERENCES

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