

## RESUME

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### Objective:

To succeed in an environment of growth and excellence and earn a job which provides me job Satisfaction and self-development and help me achieve personal as well as organization goals.

### Summary – Overview:

- ✓ Over 3months of experience in the field of Management, Cloud Computing AWS, Dev Ops & Networking ( Linux & Windows )
- ✓ Completely fresher to IT field with the knowledge of cloud computing

### Education

<u>Institutions name</u>	<u>Year of passing</u>	<u>Qualification</u>	<u>Percentage</u>
<u>Ramakrishna vidyalaya matric higher secondary school-villupuram</u>	<u>2016,may</u>	<u>10<sup>th</sup> SSLC (secondary school leaving certificate)</u>	<u>86%</u>
<u>Ramakrishna vidyalaya matric higher secondary school-villupuram</u>	<u>2018,may</u>	<u>12<sup>th</sup> HSC</u>	<u>76%</u>
<u>Hindustan University of science and technology -chennai</u>	<u>2021</u>	<u>BCA (bachelor of computer application)</u>	<u>85%</u>

### Project Experience:

1. **Organization:** Hi-tech enterprises

**Duration:** 02/02/2021 Till now

**Project title:** automating cloud infra using python boto3 script

### **Work Profile:**

- I have doing internship on aws & devops
- Creating IAM users and policies
- Creating instances with security credentials, vpc and subnet configuration
- Working on application load balancer
- Working on infrastructure as code (cloud formation, lambda , terraform)
- Working on devops (ansible, docker jenkins,github)
- And other tools (S3 , route 53 , cloud watch , cloud trail

### **AWS Computing Skills:**

Exposure to work with Cloud Computing technologies on AWS- Amazon web service. Strong Knowledge in AWS, IAAS, PAAS services.

### **AWS- Amazon Web service:**

**EC2:** Creating Instances, EBS volume, Security Group, Managing AMI, snapshot, Load balancing, Auto scaling.

**IAM:** Creating and managing the IAM users, Group, Policies, Roles, MFA, managing Access key and Secret Key.

**S3:** Managing the S3 Bucket, managing the Bucket permissions, S3 storage, versioning, lifecycle, static web hosting.

**VPC:** Creating and managing the VPC and Subnets, Internet gateway, NAT, Peering connection, VPN, NACL.

**Cloud Watch:** Monitoring and managing AWS services and managing the Alarm.

**Cloud Trail:** Managing the Activity logs of AWS Resources.

**Route 53:** Managing the DNS Zones and Records.

**Other AWS Services:** SNS, Glacier, RDS, Dynamo DB, Lambda, Working with AWS CLI.

### **AWS Lambda:**

- **Setting up an Lambda Function's for routine jobs i.e**
- **Stage/testing server stop and start during weekend,**  
**Configuring the DR setup by taking Snapshot/AMIE of Production instances and moving the backups to DR location,**
- **Setting up 6hrs once backup in Production servers and two times backup for stage/test servers,**

### **AWS Cloud Formation:**

- Creating and Managing the Cloud Formation Template i.e
- Creating the Cloud formation template for new infrastructure implementation,
- Executing the existing template by creating new Stack in cloud Fomation,
- Capturing the existing running resource using cloud former tool and converting them as a new

template.

**Jenkins:**

- Setting up an Jenkins job's for routine works i.e
- EBS Volume Encryption's,
- Production server's backup into S3 storage.
- Cloud Watch monitoring the logs into S3/Glacier storage.
- Configuring the DR setup by taking Snapshot/AMIE of Production instances and moving the backups to DR location,
- Installing and managing the add-on plugins.
- Executing the simple commands to get output from windows and Linux Servers.

**Ansible:**

- Configuring and managing the Ansible master and Client environment.
- Installing packages to ansible clients.
- Pulling reports from Ansible Clients.
- Applying various modules like Copy, service, shell, Yum.
- Rarely interacting with AWS, to create and resource.
- Writing the playbook for ansible clients when we doing multiple tasks.

**Salt Stack:**

- Configuring and managing the Salt master and Minion Client environment.
- Installing salt minion agents package to salt minion clients and establishing the communication, Pulling reports from minion Clients.
- Working with system services, Installing the packages, executing the commands which can be done
- remotely.

**Dockers Container:**

- Creating the docker container for hosting the application, which reduces some risk while comparing the Hypervisor virtual Machine.
- Pulling various images from Dockers Hub, and making them as a containers as required.
- Installing packages to docker containers, transferring the required files from source machine.
- Handling multiple containers and backing up and restoring when required.

<b>Declaration</b>
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I hereby declare that the information furnished above is true, correct and complete to the best of my knowledge.

Yours truly  
Yuvan shankar.N.V

