

SENTHILKUMAR

AWS Cloud Engineer

nsk.senthilkumaran@gmail.com | (+91)-8056605297 Rasipuram,
TamilNadu 637401

Result-Driven professional with 1.5+ years of experience in implementing and maintaining system applications in AWS cloud in Linux Environment. Selecting the appropriate AWS service based on data, compute, database or security requirements. Identifying appropriate use of AWS Architectural best practices.

PROFESSIONAL SUMMARY

MAVENIR SYSTEMS PVT LTD, Bangalore

AWS Cloud Engineer, June 2020 – Present

- Proficient working knowledge of Amazon Web Services **EC2, ELB, Auto scaling, IAM, EBS, VPC, S3, Route 53, Cloud Watch.**
- Worked on **Linux** operating system.
- Selecting the appropriate AWS service based on **data, compute, database or security environments.**
- Setup/Managing Linux Servers on Amazon (EC2, EBS, ELB, Security Groups, IAM).
- Amazon **IAM** service enabled to grant permissions and resources to users.
- Managed roles and permissions of users with the help of **AWS, IAM.**
- Built S3 buckets and managed policies for **S3** buckets.
- Involved in designing and developing Amazon **Elastic Load Balancing** and other services of the AWS infrastructure.
- User, Group and file administration in Linux.
- Edit files using vi editor in Linux.
- Manage file permissions in Linux.
- Good team player and excellent leadership qualities. Hardworking honest with interpersonal skill.

TECHNICAL SKILLS

- **Cloud Platform:** Amazon Web Services (AWS)
- **Operating System:** Linux
- **Monitoring:** AWS Cloud watch
- **Webserver:** Apache
- **ETL Tools:** Secure CRT, Putty
- **Certification:** Redhat Certified Engineer(RHCE), 150-213-650
Redhat Certified System Administrator (RHCSA)

WORK EXPERIENCE

PROJECT #1: Optimistic Cloud Infrastructure Solutions to Digital marketing and media Industries.

Role: AWS Cloud Administrator + Linux Administrator

In this project, I am a part of the AWS + Linux Admin and Cloud Team. We are providing clouds services to our US Based Clients which are in Digital Marketing Business

Responsibilities:

- Responsible for managing different AWS services like AMI, Auto scaling, Security Groups, EBS, IAM users, policies, roles
- Responsible for Setup/Managing Linux Servers on Amazon
- Monitoring Servers through Amazon Cloud watch, SNS
- Possess good knowledge in creating and launching EC2 Instance using AMI's of Linux, Ubuntu and Windows
- Creating AMI, Snapshots, Volumes
- Creating S3 buckets in the AWS environment to store files
- Configured S3 buckets with various life cycle policies
- Enable and manage Cloud Watch monitoring tool for the EC2 Instances and also configure alarm, SNS services as per project requirement
- Configured security groups for EC2 instances
- Created users and groups using IAM and assigned individual policies to each group
- Created S3 backups using versioning and moved objects to Amazon Glacier to archive the same.

PROJECT #2: Provide Cloud & Digital solutions to industries like Healthcare, Pharmaceutical

Role: AWS Cloud Administrator

As here in current project I have Carefully Monitored and Managed AWS services and part of project which was in Healthcare and Pharmaceutical Sector domain

Responsibilities:

- Create an Amazon EC2 instance
- Creating Load Balancer and attaching EC2 machine to the Load Balancer
- Recognize AWS Compute and Networking options and use Amazon Elastic Compute Cloud (EC2) and Amazon Elastic Block Storage (EBS)
- Configured Elastic Load Balancer with EC2 Auto scaling groups
- Created Highly Available Environments using Auto scaling, and Load Balancer
- Create an Amazon Simple Storage Service(S3) bucket
- Uploading object into Bucket, Accessing the object, Making object private

- Experienced in S3 Versioning and lifecycle policies
- Created monitoring alarms and notifications for EC2 hosts using Cloud Watch
- Create VPC, Subnet as per requirement
- Creating Webserver in Public Subnet in VPC
- Creating DB Server in Private Subnet in VPC
- Add IGW, Route Table components in VPC as per requirement
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS).

EDUCATION

- **Anna University Chennai, Kongu Engineering College**
Master's in Computer Science & Engineering,
2018 / 78%
- **Anna University Chennai, Muthayammal Engineering College**
Bachelor's of Computer Science & Engineering,
2015 / 76%
- **SRV Excel Matric Hi. Sec. School Rasipuram,**
Higher Secondary School Certificate(HSC),
2011 / 81.5%
- **SRV Boys Hi. Sec. School Rasipuram,**
Secondary School Leaving Certificate(SSLC),
2009 / 88.5%

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date:

Place:

Signature