CHAITHRA R

AWS Cloud Engineer

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Profile

Hardworking and passionate job seeker with strong organizational skills eager to secure entry-level AWS Devops position. Ready to help team achieve company goals.

Professional   Experience

Besant Technology

Linux and Aws:

- Hands on experience in Installing, Troubleshooting, Configuring, Maintenance and Support of Linux.
- Experienced in Creation and managing user accounts, security rights, disk space and process monitoring in Linux.
- Hands on experience in Linux commands and services
- Managing and troubleshooting Aws Cloud platform and its features which includes EC2 to deploy virtual instances, elastic IP for public IP needs, Network interfaces for network connectivity,
- AMI – creating custom images and template for easy deployment purpose.
- Setting up the Application Load Balancer with Auto-scaling Groups' maintaining the Dynamic Scaling Policy wrt to CPU Utilization.
- During the POC, resolved multiple issues with PEM & PPK Key Pair files.
- Hands-on with S3 bucket managing with instances.
- Extensively worked on Security Groups Inbound and Outbound rules with all the mandatory Port #s.
- Knowledge of Public, Private and Elastic IPs.
- Designed the Route Table, Internet Gateway, NACL, and Security Groups.
- Knowledge of Regions, AZs
- Extended the EBS Storage capacity and mounted the volume.
- worked on architecting VPC on AWS with various components like EC2, LB, Auto Scaling etc.,

Devops

- Regular cleanup activities to keep the environment healthy.
- Knowledge version control system tools like GIT and GITHUB
- Used Maven to build the source code.
- Created build scripts using Maven to perform builds.
- Defining the Git Branching Strategy to maintain quality products in Delivery.
- Used Jenkins as a continuous integration tool.
- Knowledge on SonarQube for source code quality and security vulnerabilities.
- Creating CI/CD pipeline.
- Configuration Management - Using Ansible tool to perform configuration, Deployment, Maintenance and other repetitive tasks.
- Good Communication skills and Passionate, innovative towards the technology.
- Good Team spirit and good leadership qualities

POC Project:

- Hosting web application and database servers using Aws Ec2 and RDS service and placed web applications into load balancer by integrating autoscaling service for auto instance placement based on requirement.
- Created VPC network to host web application and also used NAT Gateway to connect to the private subnet.
- Hosted web application using server less compute option Lambda and DynamoDB. Used API gateway for application to lambda service connectivity.

Technical skills

Operating Systems: **Linux, Windows.**
Version Control Tools: **GIT, GITHUB.**
Build Management Tools: **Maven.**
Scripting Languages: **Shell/Bash Scripting,**
Application Servers: **Apache tomcat, WordPress, OrangeHRM**.
Continuous Integration Tools: **Jenkins**
Web Server: **Apache HTTP**
Cloud Provider: **AWS**

Skills

AWS S3	● ● ● ○ ○	Amazon EC2	● ● ● ○ ○
Amazon VPC	● ● ● ○ ○	AWS Auto Scalling	● ● ● ● ○
AWS LB	● ● ● ● ○	AWS Route 53	● ● ● ○ ○
Jenkins	● ● ● ● ○	GIT	● ● ● ○ ○
maven	● ● ● ○ ○	ansible	● ● ● ○ ○
Linux	● ● ● ● ○	CI/CD	● ● ● ○ ○

Education

B.tech Engineering (2017) [CGPA – 7.415], *SJCIT,CHIKABALAPURE KARNATAKA*
Diploma (2014) [85.5%] CHINHAMANI,CHIKKABALAPURE,KARNATAKA
NEW GOVERNAMENT HIGH SCHOOL CHINTHAMANI.

CERTIFICATES:

- Done cloud computing course in Besant Technology

Working Experience:

Currently working in Veup technology as a Server Administrator from past months

Declaration

I hereby declare the above furnished information is true to my knowledge.

CHAITHRA R
BANGALORE, 20/20/2023