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Career Objective:

To work in a challenging Development environment and keep adding values to the organization that I represent and further enhance my knowledge and skills.

Professional Experience:

Having 2+ years of hands on experience in Linux, ELK, Grafana, Docker and AWS (S3, EC2).

Company: HCL Technologies, Chennai from January 2020 to till date.

Job Title: Analyst

Professional Summary:

- Having 2+ years of experience on **Linux (admin)**, **Docker** and **ELK** technologies.
- Having experience in **Elasticsearch**, **Kibana** and **Logstash** technologies.
- Experience in working with **Kibana** and **Grafana** to visualize the dashboards.
- Experience in working with **AWS** on **S3 buckets** and creating **EC2** and Taking **Snapshots** of all the servers.
- For monitoring the Logs, we have used **ELK** tool.
- Each issue I will prepare documentation and as well as RCA documentation.
- I had performed Troubleshooting in logstash pipelines.
- I have basic knowledge on Devops tools like Docker, Kubernetes.
- Works well in teams or individually to achieve goals and objectives.
- Have the ability to quickly learn and adopt new technologies.

Technical Experience:

Backend Tool	:	ELK
Frontend Tool	:	Grafana
Databases	:	PostgreSQL
Cloud	:	AWS
Hardware / OS	:	RHEL-Linux, CentOS-7, Windows
DevOps Tool	:	Docker
Linux Administration		

Projects details:

Project -1:

Name	RBI (Restaurant Brands International)
Team Size	2
Role	Team Member

Description:

RBI Restaurant Monitoring Dashboard is used to monitor the health of network, devices (PoS, PIN Pad, Kiosk, etc.) and business processes such as Order Injection and Suggestive Selling.

The solution covers three brands (Burger King, Popeye's and Tim Horton's) across USA and Canada.

The solution comprises of Grafana as the front-end and ElasticSearch as the back-end data store. Logstash is used for data processing and transformation.

The solution uses AWS as the infrastructure provider. Entities that are majorly used are S3 (raw data storage) and EC2 (Grafana & ElasticSearch and Logstash).

Responsibilities:

- Followed Agile Methodology which involves daily scrums meetings in Sprint meetings (planning, Review) to meet deadlines and expectations.
- Each issue I will prepare documentation and as well as RCA documentation.
- Updating all documentations into Runbooks and Confluence.
- Collecting all types of user stories which is required for the product.
- Learn new technologies (Elasticsearch, Logstash, Kibana and Grafana) and develop the product.
- Creating S3 buckets in AWS providing access to vendors to push files into buckets.
- Creating IAM Roles and SFTP servers.
- Taking volume backups (snapshots) from volume level in AWS.
- Taking Instance level backups like (AMI images) in AWS.
- Monitoring the all servers in Cloudwatch.
- Monitoring both frontend and backend tools.
- White Listing the IP address in SG.
- Working on new enhancements and testing in sandbox environment.
- Troubleshooting the issues in Logstash.
- Troubleshooting the heap memory issues.
- Creating new dashboards in Kibana as per the requirement.
- Creating new dashboards in Grafana as per the client requirement.
- Adding users in Kibana and Grafana dashboards.
- Grant the permissions (viewer, editor, admin) to the Grafana and Kibana users
- Troubleshooting the issues in Kibana and Grafana dashboards.
- Filter the data by using Filters and Query.
- Monitoring the nodes in Elasticsearch.
- Creating and deleting indices in Kibana.
- Up the containers in Docker, restart and starting the containers and performing the troubleshooting issues in Docker.
- Converting documents in Kibana to Excel if we want to compare searched query data or filtered data.
- Complete the project scopes within the Sprints and resolving the tickets in service now.

Environment: Logstash, Kibana, AWS, SAML, Windows, Centos 7.

Qualification Details:

- Graduated with Computer Science Engineering from QIS College of Engineering & Technology, Ongole Affiliated by JNTUK, Kakinada in 2019.

Declaration:

I hereby declare that the information given above is true, complete and best of my knowledge.

(Venkateswararao R)