

# Résumé

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## Professional summary:

Determined, energetic and diligent professional with over 4 years of hands on experience in UNIX/Linux system administration, AWS Cloud service supporting, automating and optimizing mission critical deployments in AWS ,CI/CD, and Devops process.

## Roles and Responsibilities:

- Experience in Linux/UNIX installation, configuration, troubleshooting Ubuntu, Red hat.
- Building Cloud architecture for scalable solutions – Good experience in AWS and building highly available solutions in cloud and also Knowledgeable in EC2, VPC, EBS, S3, RDS, IAM.
- Extensively worked with Version Control System GIT.
- Configuration of Ansible Server, Ansible client and also Able to perform Ansible Playbook to automate the Task.
- Installation and configuration of Docker, Docker Volumes, Creation of Docker Images
- Have knowledge to setup and configure Applications Servers using Tomcat, Web Serve (Apache).
- Integrated Build Process through Jenkins to various SCM tools like Git.
- Experience in deploying applications in Apache Tomcat application server.
- User administration and password policy management.
- Compressing tools tar, gzip, unzip and zip.
- Installation and configuration of Apache, Tomcat server
- Password less authentication and identity management on Linux servers using SSH-Keygen
- Creating and managing the Amazon EC2 instances.
- Hands on experience in Creating of public & private subnets using VPC.
- Able to perform the migration of instances from one region to another region.

- Knowledge on AWS (amazon web service) clouding like EC2.
- Increasing EBS Volume storage capacity when the root volume is full using AWSEBS Volume feature.
- Creating Snapshot and amazon machine image (AMIS) of the instance for backup and creating clone instance.
- Configured S3 buckets with various life cycle policies to archive the infrequently accessed data to storage classes based on requirement.
- Created snapshots to take backups of the volumes and also images to store launch configurations of the EC2 instances.
- Worked extensively in team oriented environment with strong analytical, interpersonal and communication skills.
- Good leadership skills and communicative towards the team.

### **Technical Skills:**

<b>Configuration Management</b>	Ansible
<b>Cloud</b>	AWS
<b>CI and CD</b>	Jenkins
<b>Versioning tools</b>	Git and GitHub
<b>Application server</b>	Apache, Tomcat
<b>Operating System</b>	Windows, Ubuntu, Red Hat
<b>Monitoring Tool</b>	Datadog, Grafana
<b>Containerization Tool</b>	Docker

### **Experience Profile:**

- Worked at VHS Professional services India Pvt.Ltd from June 2022 to April 2023.
- Worked for Quest XL Pvt.Ltd from July 2021 to March 2022
- Worked for BAIL Pvt.Ltd as a consultant from April 2019 to June 2021

### **Education Details:**

BE from Aditya College of engineering affiliated to JNTU Anantapuramu in the year 2016.

## **Project Experience:**

### **Project1:**

Project Name : Proximus  
Client : TCS  
Duration : June 2022 to April 2023.  
Environment : Oracle 10g, PL/SQL, Windows, Ubuntu, EC2, Docker, Linux, Git, Github, Ansible

### **Project Description:**

The Project name is called proximus from Belgium (Brussels) and the main intention of this project is the system of billing and invoicing called CBP. The CBP database will be the source to create the input for the Invoice Insights application. For each bill runs the FLS billing documents will be provided to calvi using a file based solution.

CBP has deployed a series of models for risk measurement and management. Some of the models are vended models, such as Portfolio Manager, and some of the models are internally developed models, such as Aggregator and IPM. These models have been used for understanding the risk characteristics and sensitivity of the portfolios, estimating portfolio-level capital requirements, allocating capital to sub businesses, and etc. However, there are gaps that prevent team from effectively leveraging the existing models, one being the lack of the integrated disaggregation capability that allocates capital to the transactional level. Transactional-level disaggregation not only is desirable in terms of risk assessment, but also very important in matching the model analytics with business objectives.

### **Responsibilities:**

- Worked on multiple projects on AWS EC2 Management.
- Performed most of the activities with Docker, kubernetes, EC2, S3, IAM, scaling in the project as per the client requirement.
- Created the own docker images as per the business requirement.
- Deployment using k8s, docker and Jenkins.
- Monitoring the EC2 instances from site all the time with the monitoring tool.
- Responsibilities include monitoring tasks, providing on call support, provisioning and maintaining servers.
- Creating and resizing the linux partitions and also responsible to maintain the backups on regular intervals.
- Creating the security groups, adding security groups to allow inbound and outbound traffic to the instances and load balancers.
- Creating IAM users and assigning policies to the buckets.

- Performed the other activities like creating the docker images and also the docker file.
- Creating the S3 bucket and responsible to add the users, modified users, MFA
- Automating redundant tasks and reducing manual work required wherever possible.
- Created Multifactor Authentication for AWS Users in the organizations.
- Knowledge on Auto Scaling and configure ELB (Elastic load Balancer).
- Collecting Logs from the Servers.
- Using Tomcat Application servers for deployment as per the business requirement.
- Deploying source code from GitHub

## **PROJECT 2:**

Project Name : UAV system  
Client : Quest XL & Bail ltd  
Duration : June 2021 to March 2022.  
Environment : Oracle 10g, Windows, Ubuntu, EC2, Docker, Ansible, Git, Github

### **Project Description:**

The main intention of developing this project is to generate, analyze and monitor the flight control operations and provide the information for management for decision making. The data warehouse is developed to analyze on a periodical basis. It covers the entire functional areas of the landing. The data from various Departments are integrated at the central repository to cover the functional areas of GCS and analyze the various kinds of reports like Daily, Monthly, Quarterly, Semi-annually and Year wise. The project aims to leverage the advances in Data tools technologies to significantly reduce the trading feeds processing. The primary objective is to allow control system to finish the reporting before the start of next trail.

### **Responsibilities:**

- Creating all types of aws activities to build the data as per the client requirement.
- Involved in quality assurance of data, automation of processes
- Continues usage of Jenkins by creating the jobs to Build, delivery using the same.
- Installation process and configuration of Apache, Tomcat server with in the team and as per the requirement.
- Responsible of team management to perform as per the plan and time limit given by the client and preparation of documents as well.

- Usage of Load balancer and volumes with in the client server.
- Completing the sprint wise (agile) activities mainly on AWS (amazon webservice) clouding like EC2.

**Declaration:**

I hereby declare that the above written details are true to the best of my knowledge and belief

**(SESH KUMAR U)**

